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SHANNON McCUNE, Editor

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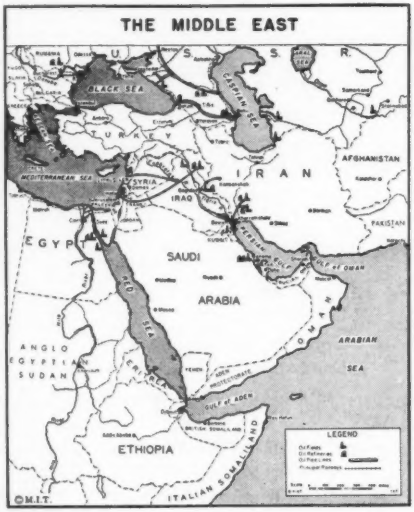

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FOREWORD

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Additional copies of the Directory may be obtained from Shannon McCune, Editor, THE PROFESSIONAL GEOGRAPHER, Colgate University, Hamilton, N. Y., at a cost of $1.00.

Changes of address should be sent to Charles B. Hitchcock, Treasurer, Association of American Geographers, American Geographical Society, Broadway at 156th Street, New York 32, N. Y.

MABEL L. EADS, *Chairman*,
Directory Committee.

EDITOR'S NOTE —

This directory has been subjected to numerous delays in publication. In part because of this, after the proofs of the directory items were prepared, each item was sent to the person to whom it pertained for his personal checking. Some seventy-five per cent of the proofs were returned, so that the data has been brought up-to-date as near as possible. It may be observed that roughly one out of seven persons had changed addresses or positions in the period of ten months from the time material was first gathered to the time proofs were submitted. In view of this, evidently an occupational disease on the part of geographers, all persons are urged to submit to the Treasurer new addresses and to the Editor, new data, whenever changes occur, so that master mailing lists and directory material may be constantly maintained up-to-date. It is the Editor's hope that a new directory may be prepared before too long; in the meantime, pertinent revisions, corrections and additions will be noted in special sections of the regular issues of THE PROFESSIONAL GEOGRAPHER.

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ABLEITER, J. KENNETH. Bur. Plant Industry, Soils and Agricultural Engineering, U. S. Dept. of Agriculture, Beltsville, Md. **Address:** 4300 Claggett-Pineway, Hyattsville, Md. (*).

ABRAHAMSON, JOHN D. U. of Chicago, A. B., 1935 S. M. 1936. Chief, Economic Resources Division, Missouri River Basin Project Bur. of Reclamation. Region 6, **Address:** 2539 Glenwood Drive, Billings, Mont. **Past positions:** Chief. Maps and Graphics Div. Foreign Economic Administration; Geographer, Office of Strategic Services. **Areas known first-hand:** Great Plains, Rocky Mountains. **Major interests:** economic geography, land use, reclamation. **Current research:** Detailed area studies for the development of the Missouri River Basin.

ABRAHAMSON, SHERMAN R. Duluth State Teachers Coll., B. S. in Ed., 1943; Clark U., M.A., 1948., Ph.D., 1949. Geographer, Environment Protection Section, Office of the Quartermaster General, Dept. of Army. **Address:** 1406 48th Ave., S.E., Washington 19, D. C. **Past positions:** Fellow in Geog., Clark U. **Areas known first-hand:** British Isles; Alaska, **Major interests:** climatology, bio-geography, economic geog. **Current research:** military geog.

ACKERMAN, EDWARD A. Prof., Dept. of Geog., U. of Chicago, Chicago 37, Illinois.

ADAMS CHARLES C. Ill. Wesleyan U., B.S., 1895; Harvard U., M.S. 1899; U. of Chicago, Ph.D., 1908. Retired Dir. N. Y. State Museum. **Address:** 149 Manning Blvd., Albany 3, N. Y. **Major interests:** ecologic and geographic distribution of biota, human ecology.

ADAMS, JOHN Q. U. of Missouri, A.B., 1923, A.M., 1925, Ph.D., 1930. Geographer, U. S. Dept. of Army. **Address:** 2354 N. Quebec St., Arlington, Va. **Past position:** U. of Missouri 1923-46 (War leave 1942-46). **Areas known first hand:** Middle West and Southwest U. S., West Europe, Canada, Newfoundland, Central Labador **Major interests:** regional and settlement geography of N. A. and Europe, taiga and tundra. **Current research:** physical geog. applied to confidential government problems.

ADDICOTT, HAROLD B. Clark U., M.A., 1928. **Address:** 617 5th St., South, Moorhead, Minn.

ADKINSON, BURTON W. U. of Washington, B.A., 1936, M. A., 1939; Clark U., Ph.D. 1942. Chief, Div. of Maps Acting Director Reference Dept. Library of Congress, Washington, D. C. **Past positions:** Asst. Chief, Case map Intelligence Section, Map Div., Office of Strategic Services Chief, Case Research U. S. Board of Geog. Names; Office of Geographer, Dept. of State; Instr., U. of Washington; Teacher, Public Schools, State of Washington. **Areas known first-hand:** Pacific, N.W. of U. S., Europe. Canada, Newfoundland. **Major interests:** cartography. **Current research:** Latin American mapping activities. **Address:** 5006 Baltimore Ave., Washington 16, D. C.

AHLMANN, Elmer F., U. of Wisconsin B.S., 1947, M. S., 1948. Instr. in Geog. U. of Wis. in Milwaukee, 623 W. State St., Milwaukee 3, Wis. **Areas known first-hand:** Great Lakes area. **Major interests:** N. W. Europe, urban geog.

AHLMAN, HANS W. Prof., Dept. of geography, U. of Stockholm, Stockholm, Sweden. (*).

AHMAD, KAZI S. Muslim U., Aligarh M.A., 1926, LL.B., 1927; U. of London, Ph.D., 1939. University Reader and Head of the Dept. of Geog., University of the Punjab, Lahore, Pakistan. **Past positions:** Sr. Lecturer, Dept. of Geog., Muslim U., Aligarh; Reader in Geog. **Areas known first-hand:** India, W. Pakistan, Britain, France, Switzerland, Italy. **Major interests:** physical geog., regional geog. of India and Pakistan, population and land use. **Current research:** agricultural geog. of W. Punjab, atlas of Pakistan.

AHO, HILIA M. Duluth State Teachers Coll., B.S., 1942. Geographer, Map Research, Army Map Service. **Address:** 1656 Euclid St., N.W., Apt. 3, Washington, D. C. **Past positions:** Teacher, Taconite, Minn., Geographer, U. S. Board of Geographic

NOTE — Listings without designation indicate professional members; (A) indicates associate members; an asterisk (*) indicates addresses that were not confirmed this year. Foreign geographers, who were corresponding members of the former American Society for Professional Geographers, are also listed.

Names, Dept. of the Interior, Washington, D. C. **Major interests:** China, maps, place names, Africa.

ALBEHTS, FRED. M.A., U. of Colo., 1949. **Address:** 1201 E. 3 rd St., Duluth, Minn.

ALBERTSON, MARY H. Middlebury Coll., B.A., 1946; U. of Wisconsin, M.A., 1948. U. S. Government. **Address:** 2812 Adams Mill Road, N. W., Washington 9, D. C. **Past positions:** Grad. Asst., U. of Wis. **Areas known first-hand:** Northeastern U.S. **Major interests:** Europe, Canada.

ALEXANDER, JOHN W., U. of Illinois, B. A., 1940, M. A., 1941., U. of Wisconsin, Ph.D., 1949. Asst. Prof. Dept. of Geog., U. of Wisconsin, Madison 6, Wis. **Major Interests:** manufacturing, transportation, population. **Current research:** manufacturing in the Rock Valley.

ALLEN, AGNES, Ill. State Normal U., B. Ed., 1924; Greeley, Colo. State Teachers Coll., M.A., 1934; Clark U., Ph. D., 1937. Head, Science Dept., Ariz. State Coll., Flagstaff, Ariz. **Past Positions:** Elementary School, Oak Park, Ill.; Normal Ill. Jr. High School; Training School-State Teachers Coll., Chadron, Nebr.; Asst. Prof. State Teachers Coll., Hattiesburg, Miss. **Areas known first-hand:** U. S., Canada. **Major interests:** human geog., climatology, regional geog. of S. W.

ALLEN, BARBARA JEAN. **Address:** 3815 Alton Pl., N. W., Washington, D. C.

ALLEN, MARCIA J., Michigan State Coll., B.A., 1944; Syracuse U., M.A., 1948 **Address:** Dept. of Geog., Northwestern U., Evanston, Ill. **Past Positions:** Army Map Service; Grad. Asst., Syracuse U. (A)

ALLISON, CALVIN G. West Chester State Teachers Coll., A.B.; Pennsylvania State Coll. **Address:** 4904 40th Place, Hyattsville, Md. **Permanent address:** 32 E. Second Ave., Lititz, Lancaster County, Pa. **Past positions:** West Chester and Collegeville, Pa. high schools. (A) (*)

ALMQUIST, JOHN R. Wilson Teachers Coll., Washington, D. C., B.S., 1937. Cartographer, U. S. Coast and Geodetic Survey, Wash., D. C. **Address:** 5413 31st St., N.W., Washington 15, D. C. **Past positions:** Teacher, Library Asst. **Areas known first-hand:** U. S. **Major interests:** cartography, economic geog. **Current research:** airport data for aeronautical charts.

ALPERT, LEO. State Teachers Coll. Bridgewater, Mass., B.S.Ed., 1937; Clark U., M.A., 1939, Ph.D., 1946. Geographer, Dept. of the Army. **Address:** 4857-B S. 28th St., Arlington, Va. **Past positions:** Weather Officer, Air Weather Service, A.A.F.; Staff War Cartographer and Geographer, Boston Evening Transcript, Boston, Mass., Relief Modeller, Nat'l Map Comm., Babson Inst., Babson Park, Mass. **Areas known first-hand:** Trinidad; Galapagos Islands; Lesser Antilles; South America; Central America. **Major interests:** climatology, military geog., state of ground analysis. **Current research:** state of ground analysis; effects of weather and climate on military movement; vertical temperature distribution in the lower troposphere over the tropical eastern Pacific Ocean; fog in Panama.

AMICK, H. C. Dept. of Geol. and Geog., U. of Tennessee, Knoxville. (*)

ANDERSEN, OLGA ANDREA. Nebraska Wesleyan U., 1939; U. of Nebraska, M. A., 1941. Geog. Instr., Jr. High School, Beatrice, Nebr. **Address:** 601 N. 5th Beatrice, Nebr. **Past positions:** Instr., Western Illinois State Teachers Coll., Macomb, Ill.; Instr. Jr.-Sr. High School, Scottsbluff, Nebr.; Instr., Southwest Missouri State Coll., Springfield, Mo. **Areas known first-hand:** Nebraska and adjoining states. **Major interests:** educational geog.

ANDERSON, DOROTHY MAY. Washington State Coll., B.A. 1941; Smith Coll. M.L.A., 1942. U. S. Government. **Address:** Cairo, Geographic Attache Dept. of State. Washington 25, D. C. **Past positions:** Cartographer Office of Strategic Services; Cartographer, Dept. of State. **Areas known first-hand:** Northwestern U. S. New England and New York State, New Brunswick, England, Near East. **Major interests:** Cartography, regional planning (land utilization), regional geog.

ANDERSON, ESTHER S. U. of Nebraska, B.Sc., 1915, M.A., 1917; Clark U., Ph.D., 1932. Asst. Prof. U. of Nebraska. **Address:** 4414 Vine St., Lincoln, Nebr. **Past positions:** U. of Nebr. 1920; M.I.S., war Dept.; War Production Bd. and Civilian Production Ad. **Areas known first-hand:** U. S., N.W. Europe, parts of Canada, Mexico and W. Indies.

ANDERSEN, HOWARD K. **Address:** c/o Economics Dept., Penn State College, State College, Pa.

ANDERSON, JAMES RICHARD. Indiana U., B.S., 1941, B.A., 1947, M.A., 1947. Instr., Dept. of Geog., U. of Maryland, College Park, Md. **Past positions:** Asst. part-time Instr. Indiana U. **Areas known first-hand:** S. Pacific; Saskatchewan and Quebec, Canada; U. S. **Major interests:** problems in agricultural land use.

ANDERSON, ROBERT J. Grad. Student, Dept. of Geog., U. of Minnesota, Minneapolis, Minn. (A)

ANDERSON, ROBERT. **Address:** 1715 Coolidge, Eau Clair, Wisc. (A) (*)

ANDERZHON, MAMIE LOUISE. U. of Chicago, Ph. B., 1938, S.M., 1948. Teacher, Junior High Social Studies, Oak Park, Ill. **Address:** 112 North Marion St., Oak Park, Ill. **Past positions:** Army Map Service. **Areas known first-hand:** Middle West, Canada, Mexico. **Major interests:** geog. in education, cartography. **Current research:** learning experiences in geography.

ANSTEY, ROBERT L. U. of Nebraska, A.B., 1947, M.A., 1948. Geographer, Quartermaster Gen'l's Office. **Address:** 7404 Tilden St., Landover Hills, Md. **Areas known first-hand:** W. Europe, N. Africa, N. Brazil, Near East, N. Pacific and Alaska. **Major interests:** settlement geog. **Current research:** settlement geog. (A)

ANTEVS, ERNST V. U. of Stockholm, Ph. Mag., 1912; Ph. Lic., 1916; Ph. D., 1917. Private research. **Address** The Corral, Globe, Arizona. **Past positions:** Docent, Stockholm; Research Assoc., Am. Geog. Soc.; Geol. surv. of Canada; Harvard U.; Carnegie Inst. of Wash. **Areas known first-hand:** Scandinavia, Bear Island, Spitsbergen, Canada, U. S. A. **Major interests:** glacial geology, Quaternary climatic history, early man in N. A. **Current research:** climatic history of the Southwest during the past 20,000 years; geological processes in relation to climatic changes; dating of records of man.

ANTL, LORETTA M. Kent State U., B.S. in Ed., 1944, M.A., 1946. Editor and Demonstrator for MY WEEKLY READER, American Education Press, Inc., 400 South Front St., Columbus, Ohio. **Past positions:** teacher, Lakewood Public Schools, Lakewood, Ohio. **Areas known first-hand,** New York, New Jersey, Pa., Virginia, Maryland, W. Virginia and Ohio. **Major interests:** teaching of geog.

APPLEBAUM, WILLIAM U. of Minnesota, A.B., 1931, Asssistant General Manager, Stop and Shop, Inc., 393 D. St., Boston 10, Mass. **Past positions:** Dir. of Marketing Research, Stop and Shop, Inc.; Exec. Off., Spec. Asst. to Dir., and Deputy Chief, Geog. Div., Research Analysis Br., Office of Strategic Services; Chief, Market Research Dept., The Kroger Company. **Areas known first hand;** Europe, North Africa, Asia, West Indies. **Major interests:** marketing geography, urban geog. geog. of the U.S.S.R. **Current research:** marketing geog.

APPLETON, JOHN B. U. of London, B. Sc., Honors, 1922; U. of Chicago, M. S., 1924, Ph. D., 1925. Geographer, Dept. of State. **Address:** 2324 41st St., N. W., Washington, D. C. **Past positions:** Asst. Prof. U. of Ill.; Prof. of Geog., Scripps College and Claremont College Graduate School, Claremont, Calif.; Dir.; Northwest Regional Council, Portland Ore.; Chief, Geographic Subdivision, Far East Div., Research and Analysis Br., Office of Strategic Services. **Areas known first-hand:** W. Europe, Near East and North Africa, and Far East. **Major fields of interest:** Economic and political geog., regional geog. **Current research:** coordination and direction of major series of studies for State Dept. use.

ARBINGAST, STANLEY A. Winona State Teachers Coll., B.E., 1934; U. of Washington, M. A., 1948. Asst. Prof. of Geog., College of Bus. Ad., U. of Texas, Austin 12, Texas. **Past positions:** Teacher of Social studies, Lewiston and Duluth, Minn. **Areas known first-hand:** U. S. esp. Upper Lakes, Middle West, Pacific N. W., Guam. **Major interests:** U. S., Asia, U.S.S.R. **Current research.** Sinkiang and Mongolia.

ARCHER, ALFORD. Columbia U., B.S., 1935, M. S., 1936. Geographer, Geog. Div., Bur. of the Census, Washington 25, D. C., Temporary Detail: American Embassy, Box 2016, Balboa, Canal Zone. **Past positions:** Asst., Ohio State U.; Instr., Indiana State Teachers Coll.; Asst. Prof., U. of Toledo; Office of Strategic Services, Map Div. **Areas known first-hand:** Appalachian Plateau, Middle West, New England, E. Canada, central India. **Major interests:** urban and economic geog.. **Current research:** urban geog.

ARCHER, BARBARA K. (Mrs. Alford Archer), Indiana Univ., A.B., 1935, M.A., 1935. **Address:** c/o American Embassy, Box 2016, Balboa, C. Z. **Past positions:** Asst., Indiana U.; Ohio State U.; Instr., U. of Toledo.

ARCHER, RICHARD C. College of the City of New York, A.B., 1940. **Address:** 373 42nd St., Brooklyn, N. Y. **Past Positions:** Map Div., Library of Congress; Army Air Forces, Clovis, N. Mex. (*)

ARLEN, MARY LOUISE. **Address:** Tarkington House, Indiana U., Bloomington, Ind. (A) (*)

ASCHEMEYER, ESTHER. Washington U., St. Louis, B.S. in Ed., M.A. in Ed. **Address:** Curriculum Laboratory, 1547 S. Theresa, St. Louis; home, 4449 Floriss Place, St. Louis 15, Mo. (*)

ASCHMANN, HAROLD HOMER. U. of California, Los Angeles, B.A., 1940, M.A., 1942. Instr., Univ. of Nebraska, Lincoln 8, Nebr. **Past positions:** Intelligence Officer, Topographic Br., Intelligence Div., War Dept. General Staff; Instr. and Asst. Prof., San Diego State Coll. **Areas known first-hand:** U. S. esp. southwest; N. Baja California; West Indies; Northeast S.A.; W. and N. Africa; Italy and Central Europe. **Major interests:** relation of population to food supply, political geog., historical geog. **Current research:** historical and cultural geog. of N. Baja California.

ATWOOD, ROLLIN S. Geographer, Dept. of State. **Address:** 7809 Rayburn Road, Bethesda 14, Md.

ATWOOD, WALLACE W., JR. U. of Chicago, B.S., 1926; Clark U. M.A., 1927, Ph.D., 1930. Deputy Exec. Dir., Comm. on Geophysics and Geography, Research and Development Board, National Military Establishment. **Address:** 109 Brookside Drive, Kenwood, Chevy Chase, Md. **Past positions:** Prof. of Physiography and Regional Geog., Clark U.; Chief, Topographic Model Sect., Office of Strategic Services; Of. in Charge, Relief Map Div., Army Map Service. **Areas known first-hand:** Rocky Mts. of U. S.; Central Massif of France; New England; Sierra Nevada; Switzerland; Germany; France. **Major interests:** geomorphology, cartography and relief models; N. A. **Current research:** physiographic history of the Rocky Mountains: methods of construction and reproduction of three-dimensional maps.

AUGELLI, JOHN P., Clark U., A.B.; Harvard U., A.M., Faculty of Social Sciences, U. of Puerto Rico, Rio Piedras, P. R. (*)

AUSTERUD, STELLA M. U. of Wisconsin, Ph.B., Ph.M. Asst. Prof. of Educ. and Geog., Wartburg Coll. **Address:** 420 Third Ave., N. W., Waverly, Ia. **Past positions.** Buena Vista Coll., Special Supervisor, Public Schools, Peoria, Ill., Illinois Col., Jacksonville, Ill. **Areas known first-hand:** middle western U. S., Colorado, Pennsylvania. **Major interests:** economic and cultural geog., geomorphology, climatology.

BACHELLER, MARTIN A. Editorial Dept., C. S. Hammond and Co., 305 E. 63rd St., New York 21, N. Y.

BAILEY, HARRY P. U. of California, Los. Angeles, B.A., 1939, M.A., 1942. **Address:** 3507 S. Barry Ave., Los Angeles 34, Calif. **Past positions:** Climatologist, AAF Weather Service, Machine Records Unit. **Areas known first-hand:** N. A. **Major interests:** physical geog. **Current research:** physical geog. of San Gabriel Mts. of S. Calif.

BAILEY PERRY L. Western Michigan Coll., A.B., 1932; Columbia U., M.A., 1941. Grad. work, Ohio State U. Assistant Prof., Dept. of Geol. and Geog., Michigan State College, East Lansing, Mich. **Past positions:** Supt. of Schools, Anondaga, Mich.; Head of Jr. H. S., Charlevoix, Mich.; Geog. Dept., Jackson, Mich.; Hampton Institute, 1942, Geographer in A.A.F., 1943; Instructor in Geography at Ohio State Univ., 1947-48. **Areas known first-hand:** U. S., Mexico and Canada. **Major interests:** Asia and economic geog. **Current research:** Europe's food problem.

BAKER, ESTELLE HUKEL. Texas Presbyterian Coll., B.A., 1924; U. of Chicago, M.A., 1940 Bd. on Geographic Names of Dept. of Interior, Washington, D. C. **Address:** 2632 Tunlaw Road, N.W., Apt. 103, Washington, D. C. **Past positions:** Asst. Geog., U. S. Weather Bur., Chief, Research Unit, Research Lib., Aero Chts. Ser. A. A. F. **Areas known first-hand:** central and eastern U. S.

BAKER, OLIVER E. Heidelberg Coll., Ohio, M.Sc., 1904; Columbia U., M.A. 1905; U. of Wisconsin, Ph.D., 1921; Heidelberg Coll., D. Sc. (Honorary), 1936; Gottengen, Germany, Ph. D. (Honorary), 1936. Prof. of Geog. University of Maryland, College Park, Md. **Past positions:** U. S. Dept. of Agriculture (various titles). **Areas known first-hand:** U. S. and Canada. **Major interests:** agricultural geog. and practices; land utilization and soil conservation; population trends and prospects. **Current research:** atlas of the world's agricultural and mineral resources.

BAKER, VIRGIL R. U. of Nebraska, M.A., 1940. Department of Geology, U. of Utah, Salt Lake City, Utah. **Past positions:** Dept. of Geog., Bowling Green State U., Bowling Green, Ohio; Dept. of Geog., U. of Idaho.

BALK, HELEN H. Clark U., Ph.D., 1943. Stephens Coll., Columbia, Mo. **Address:** 3 S. Williams, Columbia, Mo. **Current research:** grape growing in Mo.

BALLERT, ALBERT G. U. of Toledo, B.Ed. 1938; Syracuse U., M.S., 1940; U. of Chicago, Ph.D., 1947. Chief of Research Division, Michigan Dept. of Economic Div. **Address:** 712½ West Ottawa St., Lansing 15, Michigan. **Past positions:** Instr., U. of Chicago; Geographer, Toledo Chamber of Commerce; Asst. Prof., U. of California at Los Angeles. **Areas known first-hand:** Great Lakes Region and Southwestern U. S. **Major interests:** urban and economic geog., Great Lakes Region. **Current research:** Pelee Island, Ontario; growth of major American cities.

BANKS, GENEVA. **Address:** State Teachers College, La Crosse, Wisconsin.

BARBOUR, GEORGE B. Dean, Coll. of Liberal Arts and Prof. of Geol., U. of Cincinnati, Cincinnati, 21, Ohio.

BARNARD, ROBERT J. U. of Wis., B.A., 1947, M.A., 1948. U. S. Government. **Address:** 1707 N. Hampshire Ave., N.W., Washington 9, D. C. **Areas known first-hand:** S. and W. Pacific, Middle West. **Major interests:** human and economic geography.

BARNES, CARLETON P. Chief Analyst, Soil Uses and Productivity, Div. Soil Survey, Bur. of Plant Indusdry, Soils and Agricultural Eng., U. S. Dept. of Agriculture, Beltsville, Md. **Address:** 30 Duvall Dr., Washington, 16, D. C.

BARRETT, ROBERT L. **Address:** c/o National City Bank, 42d St., Office, New York, N. Y. (*)

BARROWS, HARLAN H. Emeritus Prof. of Geog., U. of Chicago. **Address:** 1018 Oak St., Highland Park, Ill.

BARTON, BYRON K. Illinois State Normal U., B. Ed., 1938; U. of Nebraska, M.A., 1939, Ph.D., 1949, Prof. and Head of Dept., Eastern Illinois State Coll., Charleston, Ill. Department of Geography. **Past positions:** U. of Pennsylvania, U. of Nebraska, Illinois State Normal U. **Areas known first-hand:** N. A. **Major interests:** climatology, agricultural geog., conservation. **Current research:** weather conditions on shores of Lake Michigan.

BARTON, THOMAS F. Illinois State Normal U. B. Ed., 1930; U. of Wisconsin, Ph.M., 1931; U. of Nebraska, Ph.D., 1935. Geog. Dept. Indiana U. **Address:** 1800 Maxwell Lane, Bloomington, Indiana. **Past positions:** Prof. of Geog. and Head of Dept. of Soc. Studies, Nebraska State Illinois U.; Assoc. Prof. of Geog. Dept of Soc. Studies, Nebraska State Teachers Coll., Kearney. **Areas known first-hand:** Illinois and Indiana: Sudbury Ontario area; Hastings, Nebraska, and tributary area. **Major interests:** urban geog., educational geog., conversation of natural resources. **Current research:** cities of Indiana.

BASHORE, MILDRED R. **Address:** 4339 Harrison St., N. W., Washington 15, D. C. (A)

BASILE, ROBERT M. **Address:** Dept. of Geog., Ohio State University. Columbus 10, Ohio. (*)

BATCHELDER, ROBERT B. U. of Washington, B.A., 1947; M.A., Northwestern U., 1948. Grad. Asst., Northwestern U. **Address:** 2606 Hse No. 8, Ridge Ave., Evanston, Ill. **Major interests:** Latin America, Far East. (A)

BATSCHELET, CLARENCE E. Franklin and Marshall College, A.B., 1912; George Washington University, A. M., 1926. Chief, Geography. Div., Bureau of the Census, Washington 25, D. C. **Past positions:** Bureau of the Census. **Areas known first-hand:** U. S. **Major fields of interest:** regional, urban, and political geography.

BATTERSBY, KENNETH A. Clark U., M.A., 1941. Grad. Asst., Dept. of Geog., U. of Maryland. **Address:** 4316 N. Fourth St., Arlington, Va. **Past positions:** Research and Analysis Br., Office of Strategic Services. **Areas known first-hand:** Alaska; eastern Canada; eastern U. S. **Major interests:** land utilization and economy. **Current research:** atlas of the world's resources.

BAUGH, RUTH E. U. of California, A.B., 1921; Clark U.. M.A., 1926, Ph.D., 1929. Assoc. Prof., University of California, Los Angeles 24, Calif. **Past positions:** Los Angeles State Normal School, Southern Branch, U. of California. **Areas known first-**

hand: California, the Southwest, and western, central and southern Europe. **Major interests:** regional geography of California; Europe; historical geog. of the Mediterranean Region. **Current research:** Mohave Desert Area, the Mother Lode region.

BAUMANN, M. ERDINE. Central Michigan Coll. of Ed., B.S., 1936; U. of Chicago, M.S., 1939. Teacher, Dearborn. Mich. H. S. **Address:** Apt. 21, 851 Oakwood Blvd., Dearborn, Mich. **Past positions:** Public School Teacher; Geological Survey of Mich. **Major interests:** teaching of geog., cartography.

BAY, HELMUTH, U. of Montana, Wyman's School of Woods, Forest Engineering. Manager and Map Consultant, Rand McNally & Co., 1104 National Press Bldg., Washington, D. C. **Past positions:** Editor, Rand McNally atlases and allied publications; Chief, Dept. of Cartography, Rand McNally and Co.; Consulting Forester, Museum of Science and Industry, Chicago. **Areas known first hand:** U. S.; W. Europe; Canada; east central Brazil. **Major interests:** cartography; hist. of maps; map literature.

BECHT, J. EDWIN. **Address:** Dept. of Geography, U. of Illinois, Urbana, Illinois.

BECK, James R. U. of Chicago, M.S., 1929, Ph.D., 1941. Prof., Dept of Geog., Kent State U., Kent, Ohio. (*)

BECKER, HENRY F. U. of Chicago, B.S., 1924, M.S., 1925. Prof. of Geog., Head, Dept. Geog. and Geol., Florida State U., Tallahasse, Fla. **Past positions:** Principal ten-grade school, Wisc. Asst. Prof., Marshall Coll., Huntington, W. Va.; Instr., U. of Chicago; Assoc. Prof. Fla. State Coll. for Women. **Areas known first-hand:** U. S. except Pacific N. W., southern and eastern Canada, Mexico and Central America. **Major interests:** conservation, teaching of geog., regional geog. **Current research:** use and misuse of resources in the South.

BECKHAM, CAROLINE W. 1426 21st N. W., Washington, D. C. (A)

BEHRE, CHARLES H., JR. U. of Chicago, B.S., 1918, Ph.D., 1925. Prof. of Geol., Dept. of Geol., Columbia U., New York 27, N. Y. **Past positions:** Geologist. Wis., Geo. Surv.: Sr. Geol., U. S. G. S., Asst. Zool. and Geol., U. of Chicago; Instr., Lehigh U.; Asst. Prof., U. of Cincinnati; Assoc. Prof., Dept. Chm., Northwestern U.; Gen. Cons. Govt., Union of Burma. **Areas known first-hand:** Western and Central Europe, North Africa, Mexico, U. S. **Major interests:** Economic geol., physical geol., physical geog. **Current research:** ore deposits of Mexico, geol. of Mexico, origin of ore deposits.

BEIMFOHR, OLIVER W. U. of Illinois, B.S., 1940; Vanderbilt U., M.S., 1941. Southern Illinois Univ., Carbondale, Ill. **Past positions:** Instr., Ohio State U., Instr., U. of Illinois; Instr., West Texas State Teachers Coll. **Areas known first-hand:** Central U. S. **Major interests:** physical geog. and U. S. **Current research:** relative relief map of southern Illinois.

BEISHLAG, GEORGE. Wayne U, A.B., 1930; Clark U. M.A., 1937 U. S. Government. 2044 Fort Davis St., S.E., Washington 20, D. C. **Past positions:** Teacher, Detroit Public Schools; Analyst and geog., Office of Strategic Services; Geog., Dept. of State. **Areas known first-hand:** Mexico, S. Canada, U. S. **Major interests:** map cataloging systems, interpretation of maps, anthropogeography. **Current research:** techniques of geographic writing.

BEKE, STEVEN. **Address:** 2626 E Veitch St., Apt. 4, Arlington, Va. (A)

BELDEN, ALLEN. U. of Missouri, A.B., A.M., 1932. Chief, Research Br., Div. of Geog., Dept. of Interior. **Address:** 3881 Newark St., N. W., Washington 16, D. C. **Past positions:** Div. of Geog., Bd. on Geographical Names, Dept. of Interior; U. of Oklahoma. **Major interests:** regional geography, delimitation of regions; geographic nomenclature (toponymics).

BELTHUSIS, LYDA G. Iowa State Teachers Coll., B.A., 1939; Colorado State Coll. of Educ., M.A., 1943; U. of Michigan, Ph.D., 1947. Asst. Prof., U. of Minn. (Duluth Branch). **Address:** 2431 E. 5th St., Duluth 5, Minn. **Past positions:** Public Schools, Burlington, Iowa; U. of Michigan. **Areas known first-hand:** U. S., Australia and New Zealand. **Major interests:** historical geog. cartography, regional geog. **Current research:** map instruction in public schools.

BENEDICTUS, ELIZABETH GREGORY (Mrs. A. R.). Clark U., A.M. 1930. **Address:** 875 Fifth Ave., New York 21, N. Y. **Past positions:** Foreign Econ. Adm., Washington

D. C.; Geog. Dept., Keene Teachers Coll.; Keene, New Hampshire.

BENFER, NEIL A. **Address:** 130 South Front St., Lewisburg, Pennsylvania.

BENGTSON, NELS A. U. of Nebraska, A.B., 1907, A.M., 1908; Clark U. Ph.D. 1927. Emeritus Professor Dept. of Geog., Univ. of Nebraska. **Address:** 1919 E. St., Lincoln 8, Neb. **Past positions:** Prof. of Geog., Nebraska State Normal School; Asst. Prof. Assoc. Prof. and Chairman of Geog. Dept., U. of Nebraska 1949-50, Visiting Prof., Univ. of Missouri, Columbus, Mo.

BENNETT, HUGH H. U. of North Carolina, B.S., 1903; L.L.D. (Honorary), 1936; Clemson Ag. Coll., S. C., D. Sc. (Honorary), 1937. Chief, Soil Conservation Service, U. S. Dept. of Agriculture, Washington 25, D. C. **Past Positions:** Dir. of Soil Erosion Service, U. S. Dept. of Interior; in charge of soil and moisture investigations, Bur. Chemistry and Soils; Soil Scientist, U. S. Dept. of Agriculture. **Areas known first-hand:** U. S. Puerto Rico, Virgin Islands, Alaska, Cuba, Central America, S. A., Union of South Africa. **Major interests:** soil and water conservation, soils, geol. **Current research:** soil and water conservation.

BENNETT, MERRILL KELLEY. Exec. Dir. of Food Research Inst. Prof. of Econ. Geog. **Address:** Food Research Institute, Stanford University, Stanford, Calif.

BENSON, HOWARD H. (Commodore) U. S. Naval Acad., B. S. **Address:** 114 Duke of Gloucester St., Annapolis, Md. **Past positions:** U. S. Hydrographic Office; Head, Dept. of Navigation, U. S. Naval Academy, Lecturer in Geog. at Georgetown Univ.

BERG, CARL G. Clark U., M.A., 1942. **Address:** 53 Dorothy Road, Millbury, Mass.

BERICH, S. ANN. Kent State U., M.A., 1947. **Address:** 841 Marshall St., Youngstown, Ohio. (*)

BERMAN, IRA B. Clark U., M.A., 1939 **Address:** College of the City of New York, 17 Lexington Ave., New York, N. Y. (*)

BERNARD, NORA LEE. George Peabody Coll., B.S., 1937, M.A., 1946. Jr., H. S. teacher. **Address:** 4110 Utah Ave., Nashville, Tenn. **Past positions:** Teacher of geog., George Peabody Coll. (summer); Troy State Teachers Coll. (summer) **Areas known first-hand:** Tenn. **Major interests:** educational geog. physiographic regions of Tenn., historical geog. of Tenn.

BERNAT, GEORGE A. Pennsylvania State Coll., B.A., 1940; U. of Wisconsin, M.A., 1942. U. S. Government. **Address:** 8 Westmoreland Rd. Tauxemont, Alexandria, Va. **Past positions:** Office of Strategic Services, Dept. of State. **Major interest:** cartography.

BERRY, WILLIAM J. Iowa State Teachers Coll., A.B., 1921; U. of Chicago, S. M., 1926, Ph.D., 1938. Chairman, Dept. Geog. and Geol., Western Mich. Coll. of Ed. **Address:** 1534 Spruce Drive, Kalamazoo, Mich. **Past positions:** Instr., La. State Normal Coll.; Instr., U. of North Dakota; U.C.L.A. **Areas known first-hand:** Louisana, N. and S. Dakota, California, Prairie Provinces of Canada. **Major interests:** U. S. and Canada, conservation, geographic education. **Current research:** Population problems in the U. S., field work in geog. and conservation.

BERTRAND, KENNETH J. U. of Wisconsin, B.S., 1932, Ph.D., 1940. Assoc., Prof. and Head Dept. of Geog., Catholic U. of America, Washington 17, D. C. **Past positions:** Instr., Exten. Div., U. of Wisconsin; Instr. Asst., Prof. Assoc. Prof., Oklahoma A. and M. Coll.; Regional Geographer, Chief of Research Div., U. S. Bd. on Geographical Names. **Areas known first-hand:** Middle West, Southwest, and Middle Atlantic states. **Major interests:** history of Antarctic exploration, geomorphology, regional geog. of Anglo-America. **Current research:** recent exploration in Antarctica; glacial geol. of Northeastern Wisconsin.

BEUKEMA, HERMAN. Col. U. S. Army. U. S. Mil. Academy, B.S., 1915; Washington and Jefferson Coll. D. Sc. Ed., 1943, Honorary; Rutgers U., LL.D., 1943, Honorary; Norwich U., LL.D., 1944, Honorary. Prof. of Economics, Govt. and History, U. S. Military Academy, West Point, N. Y. **Past positions:** Army officer since 1915; Organizer and director, Army Orientation Course and Army Specialized Training Program. **Major interests:** military geog.; influence of geog. on national power.

BEVAN, GEORGE A. McMaster U., Hamilton, Ont., 1948, M.S., 1949, U. of Virginia. **Address:** Joint Intelligence Bureau, Defense Research Board, Dept. Natl. Defense, Ottawa, Canada. **Past positions:** Royal Canadian Force, Air Intelligence.

Areas known first-hand: Niagara Peninsula, S. Ontario. **Major interests:** military and political applications of geog. **Current research:** the defense of the Western world.

BEZANSON, CLYDE O. **Address:** Box 2005, U. of Alabama, University, Ala.

BIGGS, ARTHUR P. U. of California at L.A., B.A., 1923. Asst. Attache (Geographer), American Embassy, Av. R.S. Pena 567, Buenos Aires, Argentina. **Past Positions:** Secondary school teacher, American Institute, La Paz and Cochabamba, Bolivia; Butte H. S., Gila R. (Ariz.) project, War Relocation Authority; U. S. Army, Acting Chief, Latin American Sec., Map Div., Office of Strategic Services and Map Intelligence Div., Dept. of State. **Areas known first-hand:** Latin America. **Major interests:** human and economic geog,; cartography. **Current research:** cartographic and geographic activity in Latin America.

BIRCHARD, RALPH E. Iowa State Teachers Coll., B.A., 1937; U. of Illinois, M.S., 1938. Instr., Dept. of Geog., School of Commerce, A. & M. Coll., Stillwater, Okla. **Past positions:** High School, Rock Rapids, Iowa; S. Dak. State Coll., Brookings, S. Dak. **Areas known first-hand:** Central, Eastern, and Southwest U.S.; N. France; The Ruhr, Germany; W. Czechoslovakia. **Major interests:** Europe, Africa, agricultural geog. **Current research:** A Northeast Iowa farm. On leave 1949-50 to U. of Iowa.

BISSELL, MALCOLM H. Yale U., Ph.B., 1911, M.A., 1918, Ph.D., 1921. Retired. **Address:** Route 1, Box 40, Calistoga, Calif. **Past positions:** Dept. of Geol., Bryn Mawr Coll; Cooperating geologist, Penna. Geol. Survey; Assoc. Prof. of Geol., Prof. of Geog., Head, Dept. of Geog., U. of S. Calif.; Dep. Chief and Chief, Transportation Sec., Far Eastern Div., Office of Strategic Services and Dept. of State. **Areas known first-hand:** most of U. S., parts of Europe. **Major interests:** climatology and paleoclimatology; regional geog. of U. S. Southwest. **Current research:** several projects in climatology; physiography of Chaco Canyon region, N. Mex.

BLACK, FERDINAND F. **Address:** State Teachers Coll., Lock Haven, Pa. (*)

BLACK, LLOYD D. U. of Toronto, B.A., 1934; Clark U., A.M., 1936; U. of Michigan. Ph.D., 1940. U. S. Government. **Address:** 9111 Wire Ave., Silver Springs, Md. **Past positions:** U. S. Army; Map officer, Office of Strategic Service; Geographer, Dept. of State. **Areas known first-hand:** Pacific N. W. Europe. **Major interests:** industrial geog. marketing geog. **Current research:** application of geographic techniques to marketing problems.

BLACK, W. A. U. of W. Ontario, B.A.; Syracuse U., M.A., 1948. Geographical Bureau, Elgin Building, Ottawa, Ontario, Canada. **Past positions:** Grad. Asst., Syracuse U.

BLACKWELDER, ELIOT. U. of Chicago, A.B., 1901, Ph.D., 1914. Prof. of Geol., Emeritus. **Address:** P. O. Box N, Stanford, California. **Areas known first-hand:** Egypt and Sudan; northern China; Alaska; Wyoming, Utah, Colorado, Nevada, Southern California, and Arizona. **Major interests:** geologic history, esp. of Pleistocene period; geomorphic processes, esp. in deserts; sedimentation. **Current research:** chiefly in the first two subjects named.

BLANCHARD, WILLIAM O. U. of Wisconsin, Ph.D., 1921. Prof. of Geog., 245 Natural History Bldg., U. of Illinois, Urbana, Ill. **Past positions:** Instr., U. of Wisconsin. **Areas known first-hand.** W. Europe, Mediterranean. **Major interests:** Europe, W. Europe; geographic influences of electrical distribution (U.S.).

BLANKENHORN, JOHN W. U. of Washington, B.B.A. Montana's State Coll., Bozeman, Mont. **Past positions:** high school and college geog. teacher; chairman, A.A.F. and A.S.T.P., courses 1943-44. (*)

BLOOD, PEARLE. Columbia U., M.A., 1924. **Address:** State Teachers College, Towson 4, Md. (*)

BLUMENSTOCK, DAVID I., U. of Calif., Ph.D., 1943. U. S. Navy Electronics Lab, San Diego, Calif. **Address** 1932 Burton St., San Diego, Calif. **Past Positions:** USDA, Soil Consv. Serv.; U. S. Weather Bureau; Calif. Inst. Tech.; AAF Weather Service; Pan Am. Airlines.

BLYTHE, HETTIE. Eastern State Coll., B., Ed., 1929; Columbia U. M.A., 1935. Supervisor of Geog. Student Teachers in College High School, State Teachers College, Valley City, N. Dak. **Past positions:** Geog. teacher, Ill.; Elementary School Principal, Atchison, Kans. **Areas known first-hand:** Central West U. S.;

Southeastern Canada. **Major interests:** physiography, meteorology.

THE BOBBS-MERRILL COMPANY, Inc. **Address:** Indianapolis 7, Indiana. (see advertisement.)

BODYCOMBE, DAVID. **Address:** 146 Gundry Drive (Tyler Gardens) Falls Church, Va.

BOGARDUS, JAMES P. **Address:** 114 Cornell Ave., Swarthmore, Pa. (*)

BOGGS, S. W. Berea Coll., B.L., 1909; Sc. D., 1949. Columbia U., M.A., 1924. Geographer, U.S. Dept. of State. **Address:** 219 Elm St., Chevy Chase 15. Md. **Past positions:** Map Ed., World Atlas of Missions; editorial work, geographical textbooks, Amer. Book Co; Chief, Div. of Geog. and Cartog; Special Adviser on Geog., Dept. of State. **Areas known first-hand:** Great Britain, Netherlands, Germany, Poland, Czechoslovakia, Hungary, Austria, France, Switzerland; Mexico, Guatemala, Panama, Peru, Venezuela. **Major interests:** political geog.; cartography; areas of ignorance (relative inadequacy of geographical knowledge). **Current research:** "atlas of ignorance" (as above).

BOLLINGER, CLYDE J. H. of Michigan, A.B., 1915; U. of Chicago, S.M., 1920. Assoc. Prof. of Geog. Box 19, University of Oklahoma, Norman Okla. **Past positions:** U. of Oklahoma from 1920. **Areas known first-hand;** Oklahoma, Great Plains. **Major interests:** general geog., climatology. **Current research:** climatic cycles; the American Hard Wheat Belt.

BOND, CARL T. **Address:** Bristol, New Hampshire. (A) (*)

BOND, EDITH J., **Address:** 635 Howard Pl. Apt. B, Madison, Wisconsin.

BONDY, MALCOLM E. **Address** 3831 2nd St., S. E., Washington 20, D. C. (A) (*)

BOOTH, ALFRED W. U. of Wisconsin, Ph.D.. 1936. Assoc. Prof. Dept. of Geog., U. of Illinois, Urbana, Ill. **Past positions:** Research Analyst and Section Chief, Research and Analysis Br., Office of Strategic Services; Assoc. Prof., Washington State Coll.. **Areas known first- hand:** Middle West, Southeast, Southwest, Pacific Northwest, northwestern, Europe. **Major interests:** economic geog., transportation; geog. of Asia, India. **Current research:** transportation geog. of Middle West.

BOOTH, JOEL C. Georgetown U., B.S., 1934; Columbia U., M.A, 1938, Geographer, Environmental Protection Section, Office of Quartermaster General. **Address:** 1711 35th St., N.W., Washington 7, D. C. **Past positions:** Geographer, Dept. of State; Office of Strategic Services, Map. Div.; Cartographer, U. S. Coast and Geodetic Service, Aeronautical Chart Div.; Teaching Asst. Dept. of Geo. U. of California. **Areas known first hand;** southern Yukon; Italy; Belgrad, Yugoslavia. **Major interest:** cartography. **Current research:** environmental limitations of quartermaster items and functions.

BOSTICK, MARY L. U. of Chicago, M.S., 1940. Asst. Prof. Ed. Florida State Univ., Tallahassee, Fla. **Address:** Havana, Florida.

BOTTS ADELBERT, Clark U., M.A., 1931 Ph.D., 1934. Prof. Head, Dept. of Geog., State Teachers Coll., Trenton 5, New Jersey. **Past positions:** Head, Dept., of Geog., State Teachers Coll., Cortland, N. Y. **Areas known first-hand:** Middle West, North East, New Zealand, Central Canada. **Major interests:** teaching, economic geog., climate. **Current research:** geog. of New Jersey.

BOWEN, PRINCESS M., **Address:** Southern University, Baton Rouge 5, La.

BOWERS, NEAL M. Western State Coll., Kalamazoo, Mich., B.S., 1938; U. of Michigan, M.S., 1939. **Address:** Assoc. Prof., Dept. of Geog., U. of Hawaii, Honolulu, Hawaii. **Past positions:** National Research Council, Pacific Science Bd.; Instr., Amherst Coll., Asst. Prof. Michigan State Normal, Ypsilanti; Asst. Chief, Research and Analysis Br., Far East Div., Office of Strategic Services, Kandy, Ceylon, Chief, Ports and Urban Sec., Research and Analysis Br., Far East Div. Office of Strategic Services. **Areas known first-hand:** W. Europe, U. S., Ceylon, India, Burma, Mariana Is., Hawaiian Is. **Major interests:** Far East, Pacific. American S. W. **Current research:** Mariana Is.

BOWERS, ROHMA LEVERTON (Mrs. Neal M. Bowers) Wayne U., B.S., 1932, M.A., 1939. **Address:** c/o Geog. Dept., U. of Hawaii Honolulu. Hawaii. **Past positions:** Teacher elem. and high schools, Detroit, Mich.; Asst., U. of Michigan; Office of Strategic Services; Dept. of State; National Research Council, Pacific Science Bd. **Areas known first-hand:**

Marianas Is., Hawaiian Is., Mich., W. Va., Western U. S. **Major interests:** Far East and Pacific Is., econ. geog., cartography. **Current research:** Mariana Is.

BOWMAN, ISAIAH. Harvard U., B. Sc., 1905; Yale U., Ph.D., 1909; Hon., M.A., 1921; Mich. State Coll., Hon. M. Ed., 1927; Bowdoin Coll., Hon. Sc. D., 1931; Universities of Cuzco and Arequipa, Peru, Hon. Sc. D., 1941; Hon. LL.D., Dartmouth, Charleston, Dickinson, and U. of Pennsylvania, 1935; U. of Wisconsin and Harvard U., 1936; Queens U. and U. of Western Ontario, 1937; Washington Coll., 1940; Hon. ScD., Oxford Univ., 1948. Consultant, Economic Cooperation Admin.; President emeritus, The John Hopkins U., Balti-More 18, Md. **Address:** 3908 N. Charles St., Baltimore 18, Md. **Past positions:** Asst. in Physiography, Harvard U.; Instr. in Geog., State Normal Coll., Ypsilanti, Mich; Instr. and Asst. Prof. in Geog., Yale U.; Dir. Amer. Geographical Soc. **Areas known first-hand:** Sections of Hispanic America, U. S., and Canada. **Major interests:** physiography, political geog., pioneer settlement. **Current research:** geog. as a factor in national power.

BOWMAN, ROBERT G. Dartmouth, A.B., 1935; U. of California, Ph.D., 1941. Professor Dept. of Geography., Univ. of Nebraska. Lincoln, Neb. **Past positions:** Collaborator, Soil Conservation Service; Teaching Asst., Inst., U. California; Lecturer, Canterbury U. Coll., New Zealand; Operations Analyst, Far East Air Forces, Assoc. Prof. State U. of Iowa. **Areas known first-hand:** Australia, New Zealand. New Guinea, Morotai, Philippines, Okinawa. Japan, Mexico, West Indies, U. S., Canada. **Major interests:** physical geog., regional geog. (Caribbean, Latin America, Australasia. Oceania, Anglo-America, Far East). **Current research:** trace elements; polygonal cracking of sandstones on the north coast of California; shell mound location and content on the north coast of California; ice rafting of boulders in Lake Wentworth, N. H.

BOWMAR, STANLEY. The Stanley Bowmar Co., "Aids to Visual Education." **Address:** 2067 Broadway, New York 23, N. Y. **Past positions:** newspaper work. **Areas known first-hand:** New Zealand, British Isles, Japan, China and New Zealand. **Major interests:** climatology, economic and world geog. (A)

BRADFORD, RUTH M. Ball State Teachers Coll., B.S., 1932 Teacher of Jr. H. S. Social Studies. **Address:** 124 N. Washington, Marion, Indiana. (A) (*)

BRADLEY, CAROL COLLINS. (Mrs. Jack A. Bradley) Montclair Teachers Coll., B.A., 1945; Northwest U., M.A., 1946. Cartographic research, Rand McNally & Co., Chicago, Ill. **Address:** 1632 Sheridan Road (Rear West), Evanston, Ill. **Past positions:** Encyclopaedia Britannica. **Areas known first-hand:** California, New Jersey, Wisconsin. **Major interests:** S. A. economic geog., human geog.

BRADLEY, JACK A. State Teachers Coll., California, Pa., B.S., 1947; Northwestern U., M.S., 1948. Instr. Evanston Community Coll., Evanston. Ill. **Address:** Geog. Dept., Northwestern U., Evanston. Ill. **Past positions:** Air Force Weather Service, Northwestern U. **Areas known first-hand:** Texas, North Carolina, Wisconsin. **Major interests:** Latin America, physiography, cartography.

BRADY, GEORGE S. Yale U., Ph.B. Dir., Industrial Materials Service, Consultant to Bureau of Federal Supply, Consultant to National Assoc. of Purchasing Agents. **Address:** 4214 East-West Highway, Chevy Chase, Md. **Past positions:** Chief Materials Consultant to Office of Civilian Supply and Board of Economic Warfare. **Areas known first-hand:** U. S., Canada, Panama, Cuba, S. America, France, England, Ireland. **Major interests:** economic geog.; economics of procurement of industrial raw materials.

BRAMMELL, JAMES A. Wilson Teachers Coll., B.S., 1935; Clark U., M.A., 1942. U. S. Government. **Address:** 3428 Fairhill Drive, S.E., Washington 20, D. C. **Past positions:** Teacher, Public Schools, Washington, D. C.; Chief, Cartography Sec., Office of Strategic Services, London and Washington, D. C.; chief, Cartography Br. Dept. of State; Chief, Map Intell. Br., Dept. of State. **Areas known first-hand:** England, Denmark, U. S. **Major interests:** cartology, cartography, economic geog.

BRAND, DONALD D. U. of California, A.B., 1929, Ph.D., 1933. Prof. of Geog. U. of Texas, Austin 12, Texas. **Past positions:** Prof. of Geog., U. of Michigan; Prof. of Anthropogeography, Head Dept. Anthropology, U. of New Mexico; Cultural Geographer, Smithsonian Institution, in Mexico; Travelling Fellow, Teaching Fellow, Instr. and Lecturer in

Geog., U. of California. **Areas known first-hand:** American southwest, Mexico, Peru, Chile, Brazil. **Major interests:** historical geog., esp. of Latin America; economic geog. esp. agriculture; biogeography, esp. plant geog. **Current research:** origins and spread of New World agriculture; regional geog. of Mexico.

BRAND, PAUL J. Kent State U., B.S., 1931; U. of Chicago, S.M., 1937. Chairman, Dept. of Geog. and Geol., Bucknell U., Lewisburg, Pa. (on leave, 1949-50). **Address:** 4504 Guilford Rd., College Park, Maryland. **Past positions:** Asst. Prof., Geog. Sr. Advisor Personnel Dept., Fenn Coll.; Supervisor of Aircraft Engineering Specifications, General Motors Corp.; Head, Specifications Section of War Dept., Technical Div. Ravenna Ordinance Plant, Apco, Ohio; Instr. in Geog., Ravenna, Ohio. **Areas known first-hand:** Great Lakes area; middle Atlantic states; central and northern Ohio; winter wheat belt; central Pa.; central Mexico; southeastern Canada. **Major interests:** rural-urban land utilization; geomorphography of Anglo-America; climatology. **Current research:** agricultural land utilization in Union County, Pa.; geomorphology of the lower west branch Susquehanna R.

BRANDON, DONALD G. Howard U., B.S., 1932; A.M., 1934; Teachers Coll., Columbia U., Ed.D., 1949. Assoc. Prof. of Geog., Morgan State Coll., Baltimore, Md. **Address:** 2118 Presbury St., Baltimore, Md. **Past positions:** St. Teach. Coll., Elizabeth Citv. N. C. **Areas known first-hand:** northeastern N. C.; Tidewater, Va.; Monroe County, N. Y.; Worcester and Springfield, Mass.; New York City. **Major interests:** population; human geog.; the Negro. **Current research:** migration within the U. S. (A)

BRANOM, MENDEL E. Illinois State Normal B. Ed., 1915; U. of Chicago, M.S., 1916, Ph.D. 1938. Prof. Dept. of Geog. Harris Teachers Coll., St. Louis, Mo. **Address:** 3853-A DeTonty St., St. Louis 10, Mo. **Past positions:** Harris Teachers Coll. since 1917; U. of Mo.; Special lecturer, U. of Calif. (*)

BRIERLY, WILLIAM B. Clark U., A.M., 1936, Ph.D., 1942. Chief, Western Europe Map Research, Army Map Service. **Address:** 4105 Wisconsin Ave., N.W., Apt. 212, Washington 16, D. C. **Past positions:** Geog. Dept. of State, Office of Strategic Services; Lect., Coll. of Special and Continuation Studies, U. of Maryland. **Areas known first-hand:** Labrador; Arctic America; north-western Europe; southeastern U. S. **Major interests:** medical geog.; maps (special use); speleology. **Current research:** maps of Portugal; special use maps, atlas of communicable diseases.

BRITTINGHAM, REX. Fresno State Coll., B. A. **Position:** Dept. Geol. and Geog. Ventura Jr. Coll., Ventura, Calif. **Past positions:** Fresno State Coll., U. of Calif. at L. A. (*)

BRITTON, ROBERT L. U of Chicago, S.M., 1930. Assoc. Prof. of Geog. Marshall Coll., Huntington, W. Va. **Areas known first-hand:** Great Plains, Great Lakes region, Ohio valley. **Major interests:** population distribution (demography), problems of world trade from geographical angle, geog. of W. Va. **Current research:** distribution of Indians in U. S., distribution of Negroes in the North, completing sixth grade supplement "Living in West Virginia."

BRITTON, CHARLES E. State Teachers Coll., Johnson City, Tenn., B. S., 1928; U. of Tennessee, M.S., 1946; Instr. in Geog., Bucknell Univ., Lewisburg, Pa. **Past positions:** Instr., U. of Tenn., Jr. and Sr. H. S. Geog., Johnson City, Tenn.; Goshen Central School, Goshen, N. Y. **Current research:** tourist industry of E. Tenn.

BROEK, JAN O. M. U. of Utrecht, Ph.D., 1932. Prof. of Geog, Chm. of Dept., U. of Minnesota. **Address:** Dept. of Geog., U. of Minnesota, Minneapolis, Minn. **Past positions:** Assoc. Prof., Geog. U. of California at Berkeley; Asst. Secy., Regional Planning Assn., Netherlands; Staff Member, Netherlands Railways, Economic Div.; Res. Assoc., Institute of Pacific Relations; Assoc., Navy School of Mil. Govt., Columbia U.; Office of Strategic Services. **Areas known first-hand:** Western and Central Europe, Indonesia.

BROOKS, CHARLES F. Harvard U., A.B., 1911, A.M., 1912, Ph.D., 1914. Prof. of Meteorology, and Dir., Blue Hill Meteorological Observatory, Harvard U. **Address:** Blue Hill Observatory, Milton 86, Mass. **Past positions:** Research Asst., Blue Hill Observatory; Asst. in Meteorlogy and Physiography, Harvard U., and Physiography, Radcliff Coll; Asst. in Farm Management, U. S. Dept. Agric.; Instr. in Geog., Yale U.; Instr. Sig. Corps, Sch. of Meteorology, Meteorologist, U. S. Weather Bureau;

Assoc. Prof. and Prof. of Meteorology and Climatology, Clark U. **Areas known first-hand:** U. S. esp. Middle West, New England, Calif., and Fla.; southeastern Pacific; Caribbean Gulf of Mexico; Western and Northern Atlantic Ocean; Panama; northern coast of S A.; West Indies; Europe. **Major interests:** meteorology; climatology; physical oceanography. **Current research:** application of climatology in forecasting weather; clouds; microclimatology; instrumentation of weather stations.

BROOKS, GEORGE W. Indiana U., B.S, 1941, M.S., 1942; LaSalle U., L. L. B., 1947. Assoc. Prof. of Geog. Prairie View U, Prairie View, Tex. **Major interests:** geopolitics. **Current research:** a county project. (A)

BROOKS, VELDA L. **Address:** 1220 N. St, N. W, Washington, D. C. (A) (*)

BROUILLETTE., BENOIT U. of Montreal, Master in Commerce, 1928; Ph. D., U. of Paris (Geography), 1931 Prof. of Geog., Faculty of Commerce of Montreal. **Address:** 535 Viger Ave., Montreal 24, Canada. **Past positions:** Lecturer, Asst. Prof., Prof., U. of Montreal. **Areas known first-hand:** Province of Quebec. **Major interests:** economic and regional geog. of Canada, atlas of geog. projects for the Province of Quebec and for the whole of the Dominion. **Current research:** regional geog. of Quebec; a book on the foreign trade of Canada.

BROWN, DOROTHY JANE, 903 University Avenue, Syracuse, N. Y. (A)(*)

BROWN, EARL F. U. of Chicago, M.S., 1933. **Address:** Apt. 3, 1204 N. Pitt St., Alexandria, Va. (*)

BROWN, ELDRED CAMPBELL, (Mrs.) Iowa State Teachers Coll., B. A., 1940; Drake U. M. A., 1945. **Address:** Rural Route 1, Dunlap, Iowa. **Past positions:** elementary and high school teacher, normal training critic, Redfield and Woodbine, Iowa. **Areas known first-hand:** Iowa, midwest and eastern U. S. **Major interests:** geog. in elementary school, visual aids.

BROWN, HARRY B., Jr.. Louisiana State U., M.S., 1936. **Address:** 215 Stanford Ave., Baton Rouge 14, La.

BROWN, ROBERT M. Brown U., A.B., Harvard U., A. M.; R. I. Coll. of Ed., Ed. D. Retired. **Address:** 60 Drowne Road, W. Barrington, R. I. **Past Positions:** Prin. High School, Portsmouth, N. H; Prof. Geog., State Normal School, Worcester, Mass.; Prof. Geol., Economic Geog., Coll. of Education, Providence, R. I.; Prof. Geol., R. I. State Coll., Kingston, R. I.; Pres., R. I. College of Ed., Providence, R I. **Areas known first-hand:** New England, Atlantic seaboard, Mississippi River. **Major interests:** Mississippi River, natural resources, educational phases of geog.

BROWN, THOMAS J. Shaw U., Raleigh, N. Car, A. B.; Columbia U., M.A., 1934. Winston-Salem Teachers College. **Address:** 1404 Wallace St., Winston-Salem, N. Car. (*)

BROWNE, W. A. State Coll., Springfield, Mo., A.B., 1924; George Peabody Coll., A. M., 1927, Ph. D., 1935. Prof. of Geog., Teachers Coll., Kirksville, Mo. **Past positions:** Teachers Coll., Nacogdoches; Teachers Coll., Greenville, N. C. **Areas known first-hand:** Texas, North Carolina, Missouri, Arkansas, Eastern Mexico, Indiana. **Major interests:** historical geog. of U. S., economic geog. **Current research:** historical geog. of U. S.

BRUBAKER, HARRY F. Indiana (Pa.) State Teachers Coll., B.S, 1934; U. of Chicago, M.S., 1941. Asst. Prof. Geog., Florida State U., Tallahassee, Fla. **Past positions:** Instr. of Syracuse U.; Research Analyst, Office of Strategic Services. **Areas known first-hand:** U. S. (esp. Calif., Pa., N. Y., Fla.) **Major interests:** human and regional geog. (methodology and research), regional geog. of the South, comparative resource use in the U. S. **Current research:** preparation of text for course on regional geography of the world.

BRUMAN, HENRY J., U. of California (L. A.), A.B., 1935; U. of California, Ph.D., 1940. Assoc. Prof., Dept. of Geog. U. of California, Los Angeles 24, Calif. **Past Positions:** Instr. and Asst. Prof., The Pennsylvania State College, State College Pa.; Cultural Geographer, Smithsonian Institution, Washington, D. C. **Areas known first-hand.** Mexico, Guatemala, Honduras, El Salvador. **Major fields of interest:** regional geog. of Latin America; cultural and historical geography. **Current research:** geography of Mexico Gulf Coast.

BRUMBY, CAROL. Delta State Teachers Coll, B.S (Ed.), 1933; Columbia U., M.A. (Teaching of Geog.), 1934. Assoc. Prof of Geog., Delta State Teachers Coll., Cleveland, Miss. Past

positions: Teacher, Jr. H S. (Social studies.) Instr. Delta State Teachers Coll.; Instr., Northwestern State Teachers Coll. **Areas known first-hand:** Eastern and Midwest U. S.; southeast Canada **Major interests:** regional geog., educational geog.

BRUSH, LAURAINE F. (Mrs.) Syracuse U. B.A., 1947. **Address:** 220 Standish Drive, Syracuse 3, N. Y. **Areas known first-hand:** Wisconsin, Missouri, Louisana, New York, West Coast (A).

BRYAN, KIRK, U. of New Mex., A.B., 1909; Yale U., A.M., 1910; Ph.D., 1920; Harvard U., A.M. (Hon.) 1942. D. Sc. (Hon.) 1947. Prof. of Physiography, Harvard U. **Address:** Geology Museum, Oxford St., Cambridge 38, Mass. **Past positions:** U. S. Geol. Surv., Instr. Yale U. **Areas known first-hand:** United States, Mexico, Guatemala, France. **Major fields of interest:** geomorphology. **Current research:** geomorphology.

BRYAN, WILLIAM A., Princeton U., A.B., 1940; Northwestern U., M.S., 1942, Marlboro Coll., Marlboro, Vt. **Past positions:** Asst. Prof. Bucknell Univ.; Instr., Pennsylvania State Coll.; Instr., Northwestern U., Army Map Service; Instr., Syracuse U. **Areas known first-hand:** U. S., Newfoundland, W. Europe, **Major interests:** medical climatology, regional geog., land use. (*)

BUCKBEE, ELIZABETH. U. of Minnesota, B.S., 1936. Teacher, Jefferson Jr. High. **Address:** 2716 Humboldt Ave. S., Minneapolis 8, Minn. (A)

BUCKLEY, WALLACE T. U. of Washington, M.S., 1930; Ohio State U., Ph.D., 1936. Assoc. Prof. of Geog., School of Economics and Business, Washington State College, Pullman, Wash. **Past positions:** Ohio State U., Indiana U. **Areas known first-hand:** U. S. and Canada, Guam, Philippines, Japan, W. Europe. **Major interests:** economic geog.

BUELL, IRMA. U. of Illinois, B.S., 1933; U. of Chicago, M. S., 1940. Instr., Joliet High School and Jr. Coll **Address:** 506 Knox Place, Joliet, Ill. **Past positions:** elementary teacher and principal. **Areas known first-hand:** Illinois, Bahamas. Major interests: U. S., economic geog.

BUFFUM, CHARLES WALBRIDGE. Amherst Coll., A.B., 1922; Syracuse U., B.S. in Library Science, 1931. Head, Processing Sec., Div. of Maps, Library of Congress, Washington 25, D. C. **Past positions:** instr., Mathematics, Rensselaer Polytechnic Inst.; Teacher, H. S. Math., Falconer, N. Y.; Instr., Math., Syracuse U.; Instr., Library Science, Syracuse U. **Areas known first-hand:** New York State, New England.. **Major interests:** library treatment of maps. (A)

BULS, ERWIN J. U. of Chicago, M.S., 1944. Valparaiso U., Valparaiso, Indiana. (A)

BUONCRISTIANI, JOHN J., U. of California, B.A., 1939. H. M. Gousha Co. (Research Dept.) Calif. **Address:** 637 Fifth Ave., San Francisco 18, Calif. **Past positions:** Cartographer, Office of Strategic Services, Washington, D. C., Map Intelligence, Italy; 6th Photo Comp. (Tri-Met) Squadron, U. S. Army; Map Research, Army Map Service. **Areas known first-hand:** Western U.S, Italy. **Major interests:** cartography, transportation, urbanization. **Current research.** Italian cartography

BURGHAM, LEE A. (Lt.) U. of Illinois, B.S., 1945 MS., 1948 Lt. USAF. **Address:** 7370th Air Forces Flight Service Squadron, APO 757, c/o PM., New York, N. Y. **Past positions:** Instr. , U. of Illinois. **Areas known first-hand:** Germany. **Major interests:** North American arctic, economic geog. **Current research;** gem cutting industry of Idar-Oberstein Germany (A)

BURCHFIEL, WILLIAM W. II. U. of Tennessee, B.S., 1940, M.S, 1941. Research Analyst, War Dept. **Address:** 4448 Alabama Ave. S E., Washington, D. C. **Past positions:** Instr., U. of Tennessee; Aerological and Climatological Training Officer, U. S. Naval Air Corps; Geol. Engr., TVA. **Areas known first-hand:** Brazil, Venezuela, Uruguay, Argentina, Trinidad, Cuba, Puerto Rico, Mexico and eastern Canada. **Major interests:** economic geog. of Venezuela and Puerto Rico; climatology of the Tropics; physical geog. of Europe. **Current research:** classified research for War Dept.

BURDICK, ALGER E. U. of Wisconsin, BA., M.A. Prof. and Head Dept. of Geog., Arkansas State Teachers Coll., Conway, Ark. **Areas known first-hand:** Ark. and near S.W.; Wisc. littoral and driftless area. **Major interests:** settlement patterns in U. S. southwest. **Current research:** contributions of Albert Perry Brigham.

BURGESS, ALVIN V., Columbia U. B.S., 1933, M.A., 1934. Chairman,

Dept. of Social Studies and Teacher of Geog. Kenwood High School, Baltimore 6, Md. **Address:** 4301 Shamrock Ave., Baltimore 6, Md. **Past positions:** Randallstown School, Elementary Teacher; Jr. High School geog., Catonsville High School. **Areas known first-hnad:** New England, Middle Atlantic States. **Major interests:** economic geog. senior high school geog. **Current research:** development of a course in senior high school geog. to meet the needs of the well qualified citizen.

BURGETT, CHARLES. **Address:** 4620 47th St. N.W., Washington 16, D.C.(A)

BURGY, J. HERBERT. U. of Wis., B.A., 1920, M.A., 1825; Clark U., Ph.D., 1930. Prof. of Geog. and Head, Dept. of Geog. and Geol., Bradley U., Peoria, Ill. **Past positions:** Hd., Dept. of Geog., State Teachers' Coll., Moorhead, Minn.; Assoc. in geog., Asst. Prof. of Geog., U. of Ill.; Regional Geographer, Bd. on Geographical Names, Dept. of Interior; Div. of Geog. and Cartog., Dept. of State; Instr., Biarritz American U. (France); Lecturer in Geog., U. of Minnesota. **Areas known first-hand:** Illinois, northwestern Minnesota, southern New England, southern France. **Major interests:** economic geog., regional geog. of the Americas and western Europe, urban geog. **Current research:** shipping and manufacturing activities of Cairo, Ill.

BURKLAND, HERMAN W. U. of Washington, B.A., 1941, M.A., 1947. Geographer, Office of Chief of Naval Operations, Navy Dept., Wash., D. C. **Address:** 30 Old Glebe Rd., Arlington, Va. **Past positions:** Teaching Fellow, U. of Washington; Geographer and Japanese Language Officer, Office of Naval Intelligence; Language Officer, U. S. Strategic Bombing Survey, Japan; Geographer, Joint Intelligence Study Publishing Board. **Areas known first-hand:** Pacific N. W., Japan, China, Philippines, Pacific Is., west coast of Middle and S. A. **Major interests:** seaports, regional and economic geog. **Current research:** methods of seaport analysis and classification.

BURNHAM, GUY H. Clark U., M.A., 1922. Cartographer and Instr., Clark U. **Areas known first-hand:** Northeastern U. S. **Major interests:** cartographic problems.

BURRILL, MEREDITH F. Bates, A.B., 1925; Clark U., M.A., 1926, Ph.D., 1930. Dir., Div. of Geog., Office of Sec. of Interior, and Exec. Sec., Bd. on Geographic Names. **Address:** 5503 Grove St., Chevy Chase 15, Md. **Past positions:** Instr., Lehigh U.; Asst. Prof. to Prof., Oklahoma A. and M. Coll; Resettlement Adm. Acting Chief, Land Use Planning, Oklahoma-Texas region; Chief, Research and Analysis Div., General Land Office, Dept. of Interior. **Areas known first-hand;** Alaska, Europe, eastern Canada, U. S. **Major interests:** cultural geog., especially toponymics; geog. of manufacturing; application of geog. in field of public administration. **Current research:** toponymics, principles and research methodology; cultural geography delimitation of the field.

BURT, ARTHUR L. Clark U., A.B., 1938; M.A., 1939, U. S. Government. **Address:** 2314 41st St., N. W., Washington 7, D. C. **Past positions:** Geog., Library of Congress. Geog., Military Intelligence Div.; Geog., Trans-World Airlines; Geog., Office of Strategic Services; Geog. Dept. of State. **Areas known first-hand:** Netherlands, Japan Korea. **Major interests:** economic geog. and maps. **Current research:** geog. and air transportation.

BURT, MARY MARGARET, (Mrs. Arthur L.) Wilson Teachers Coll., B.S., Clark U., M.A., 1941. **Address:** 2314 41st St., N.W., Washington, D. C. **Past Positions:** Teacher, Washington, D. C., public schools. **Major interests:** economic geog.

BURTIS, CHARLOTTE M. U. of Chicago, A.B., 1935, M.S., 1938. Geographic analyst, Encyclopaedia Britannica. **Address:** 6942 Stewart Ave., Chicago 21, Ill. **Past positions:** Geog., Office of Strategic Services, Wash., D. C., American Red Cross. **Major interests:** urban development, ports. **Current research:** growth of cities.

BURTON, DOROTHEA E. Buffalo State Teachers Coll., B.S. in Ed., 1938; Clark Univ., M.A., 1947; Ph.D., 1949. **Address:** 286 Norwood Ave., Buffalo 13, N. Y. **Past positions:** Photo Officer, 1st Lt., U.S.M.C.R. Photo Interpreter, A.A.F. Washington, D. C.; Teacher, Puerto Rico. **Areas known first-hand:** Mexico, Central and Northern S. A., Puerto Rico, Virgin Is., Greater Antilles, Hawaii, Mojave Desert. **Major interests:** Latin America, climatology, physiography. **Current research:** "A Study of Panama's Basic Economics" (Ph.D. dissertation).

BUSH, EVERETT H. Clark U., M.A., 1947. Asst. Prof. of Geog., Wit-

tenberg Coll., Springfield, Ohio, **Past positions:** Army Service. **Areas known first-hand:** Southern New England. **Major interests:** climatology, physiography, and N. A.

BUSH, ROBERT OLNEY. U. of Michigan, A.B., 1941. Geographer, Army Map Service. **Address:** 6105 Ridge Dr., Washington, 16, D. C. **Past positions:** USAF Weather Service Observer, Forecaster, and Weather Officer. **Areas known first-hand:** Great Lakes; mid-Mississippi valley; New England; Atlantic Coastal area, Midwest; Bermuda; eastern and central England. **Major interests:** military, political, and economic geog of the world as a unit; maps, particularly large-scale topographic; large-scale terrain study. **Current research:** military maps.

BUSHMAN, DONALD O. U. of Washington, B.A., 1948; M.A., Ohio State, 1949. **Address:** Dept. of Geog., Ohio State Univ., Columbus 10, Ohio. **Areas known first-hand:** Orcas Island, San Juan Co., Wash.; Midwest, Southeast and Southwest U. S.; Kenai Peninsula, Alaska. **Major interests:** economic and physical geog. (A)

BUTTS, FRANKIE WILSON. U. of Missouri, B.S.; Wilson Teachers Coll., B.S.; George Washington U., A.M. Teacher, Eastern High School, Washington, D. C. **Past positions:** Langley Jr. H. S., Washington, D. C. **Address:** 7810 13th St. N.W., Washington, D. C.

BUZZARD, GUY A. U. of Chicago, M.S., 1924. **Position:** Kansas State Teachers Coll., Emporia, Kansas.

BUZZARD, ROBERT GUY. U. of Chicago., S.B., 1916; S.M., 1917; Clark U., Ph.D., 1925. President, E. Illinois State Teachers Coll, Charleston, Ill. **Past positions:** Head, Dept. of Geog., N. Ill. State Teachers Coll., Head Dept. of Geog., Ill. State Normal. (*)

CAIN, STANLEY A. Cranbrook Institute of Science, Bloomfield Hills, Mich.

CALDWELL, HARRY H. Clark Univ., A.B., Univ. of Nebraska; M.A., Instructor, Dept. of Geol. and Geog., U. of Idaho, Moscow, Idaho. **Past positions:** Texas A. and M. Coll.; Army Weather Service. **Areas known first-hand:** Alaska; Yukon Territory, Canada, Mexico. **Major interests:** economic and urban geog., geog. of polar areas. **Current research:** patterns of tourist resource development in Idaho; geog. in the Idaho schools; geog. trends in the agriculture of the Palouse.

CALEF, WESLEY U. of Wisconsin, B. A., 1936; U. of Calif. at Los Angeles, M. A., 1944; U. of Chicago, Ph.D., 1948. Asst Prof., Dept. of Geog., U. of Chicago, Chicago, Ill. **Past positions:** Associate, U.C.L.A. **Areas known first-hand:** Middle and western U. S. **Major interests:** physical geog., rural settlement, N. A. **Current research:** analysis of slopes, Middle Rockies.

CALHOUN, WILLIAM PAUL U. of Nebraska, A. B., 1935, M. A., 1947. Research Asst., U. of Maryland. **Address:** 6207 44th Ave., Riverdale, Md.

CALLAHAN, LEO F. Central Michigan Coll., A.B., 1928; Wayne U., A. M., 1938. Instr., Dearborn Junior Coll., Ford Road at Maple, Dearborn, Mich. **Past positions:** Teacher, Grosse Ile, Mich. High School; **Areas known first-hand:** most of U. S.; Mexico; W. Europe and E. Canada. **Major interests:** climatology, interpretations of man's adjustments to the various physical environments, and Michigan. **Current research:** commercial exhibits available to Geog. teachers free or at small cost; other visual aids.

CAMERER, ALICE. State U. of Iowa, B. A., 1920; Columbia U., M. A., 1929. Grad. work, U. of Chicago, Assoc. Prof., Wayne U. **Address:** 4841 Cass Ave., Detroit 1, Mich. **Past positions:** Prin., Experimental School, State U. of Iowa; Instr. to Assoc. Prof., Detroit Teachers Coll. **Areas known first-hand:** Alaska, Canada, U.S. and North, West and Southern Europe. **Major interests:** human geog., N. A. and Europe.

CAMPBELL, DAVID S. U. of Chicago, S.B., 1935, S.M., Ph.D., 1947. **Address:** 4112 Lee Highway Arlington, Va. **Past positions:** Assistant Prof. Bus. Admin., The Citadel, Charleston, S. C.; National Resources Planning Board, San Juan, P.R.; Office of Strategic Services; Board on Geog. Names; Chief, W. European Section, Topographic Br., Dept. of Army. **Areas known first-hand:** W. Africa, S. E. Canada, W. Europe, West Indies. **Major interests:** industrial and agricultural geog., regional planning.

CAMPBELL, ROBERT DALE. Colorado U., B.A., 1938, M.A., 1940, Ph.D.,

1949, Clark U. Assoc. Prof., Chairman, Dept. of Geog., George Washington U., Washington, D. C. **Address:** 1201 S. Barton, Apt. 141, Arlington, Va. **Past positions:** Teaching Asst. and Instr., Colo. U.; Cartographer, Office of Strategic Services, Aerologist, U. S. Navy; Chief, Climatology Unit, Environmental Protection Section, Office of the Quartermaster General. **Areas known first-hand:** Alaska, much of U. S. **Major interests:** recreation geog., physiological climatology. **Current research:** recreation geog.

CAREY, JOSEPH P. U. of Chicago, B.S., 1915, M.S., 1932. Chairman, Dept. of Geog., Central Mich. Coll., Mt. Pleasant, Mich. **Past positions:** Instr., Eastern Illinois State Teachers Coll.; business, Chatterton Elevator Co. **Areas known first-hand:** United States and Canada. **Major interests:** climatology, geomorphology, economic geog. **Current research:** growing season vs. reliable or average frost free season.

CARHART, GRACE M. Barnard Coll., A.B., 1921; Columbia U., M.A., 1924. Instr. Dept. Geol. and Geog., Hunter Coll., 695 Park Ave., New York 21, N. Y. **Areas known first-hand:** Wyoming, Guatemala, Eastern U. S. **Major interests:** economic geol. and geog. of N. Y. City, geog. of Latin America.

CARLETON, DAVID A. Pennsylvania State Coll., B.S., 1948. Grad. Asst., Pennsylvania State Coll. **Address:** 133 W. Fairmont Ave., State College, Pa. **Major interests:** Pennsylvania. **Current research:** vegetable oil.

CARLS, NORMAN. Illinois State Normal U., B. Ed., 1932; Clark U., A.M., 1934, Ph.D., 1935. Assoc. Prof. Geog., School of Social Sciences and Public Affairs, American U. **Address:** 3605 Greenway Place, Alexandria, Va. **Past positions:** Chief of Operations, Geog. Div., Bur. of the Census; Specialist in International Training, TWA; Assoc. Prof. and Head, Dept. of Geog., Eastern Illinois State College; Asst. Prof., Oregon Coll. of Education, Monmouth. Lt., Lt. Com., U.S.N.R. **Major interests:** educational and economic geog., climatology. **Current research:** educational geog.

CARLSON ALBERT S. Clark U., A.B., 1929, M. A., 1931, Ph. D., 1939. Prof. of Geog., Dartmouth Coll. **Address:** 19 South Park St., Hanover, N. H. **Past positions:** Dartmouth Coll. since 1929. **Areas known first-hand:** New England; Eastern U. S.; Western Europe. **Major interests:** location of industry and Geog. of New England. **Current research:** New England geog.

CARLSON, CARL F. Ill. State Normal U., Ed. B., 1922; U. of Chicago, Ph.D., 1940. U. S. Government. **Address:** 5001 Baltimore Ave., N. W., Washington 16, D. C. **Past positions:** Northern Ill. State Teachers Coll.; West Tenn. State Teachers Coll.; Office of Strategic Services; Dept. of State. **Areas known first-hand:** British Isles, Europe. **Major interests:** maps and map coverage, economic geography.

CARLSON, FRED A. U. of Massachusetts, B.S., 1918; Cornell U., Ph.D., 1921. Prof., Dept. of Geog., Ohio State U., Columbus, O. **Past positions:** Cornell U.; U. of California. **Areas known first-hand:** Cuba, Puerto Rico, Central Brazil. **Major interests:** regional geog. of Latin America; climatology. **Current research:** Puerto Rico.

CARLSON, LUCILE U. of Washington, M.A., 1942, Ph.D., 1947. Asst. Prof., Dept. of Geol. and Geog., Western Reserve U., Cleveland 6, Ohio. **Past positions:** Acting Instr., U. of Washington, 1947-1948. **Areas known first-hand:** N. W., Mid West and East Lakes regions of U. S., Western Europe. **Major interests:** Asia, Pacific Islands, Africa and Europe. **Current research:** Europe, Cleveland.

CARLSON, PATRICIA. Michigan State Coll., B.A., 1948. **Address:** 1428 21st St. N. W., Washington 6, D. C. **Areas known first-hand:** Michigan and Florida. **Major interests:** Latin America and cartography. (A)

CARMIN ROBERT L. Ohio U., B.S., 1940; U. of Nebraska, M.A., 1942. Asst. Prof., Dept. of Geol. and Geog., Michigan State Coll., East Lansing, Mich. **Past positions:** Grad. Asst., U. of Nebraska; Instr., Michigan State Coll.; Cartographer, Office of Strategic Services and Dept. of State. **Areas known first-hand:** Appalachian Plateau, Middle West, Great Plains and Brazil. **Major interests:** Latin America, cartography, economic and urban geog. **Current research:** urban geog. of Goias (state), Brazil.

CARPENTER, BRUCE R. **Address:** 4749 Homer Avenue, Apt. D., Suitland, Washington 20, D. C.

CARROLL, JUNE STARR U. of California at L. A., A.B., 1946, M.A., 1948. Instr., Earth Science Dept., Los Angeles City College, 855 N. Vermont Ave., Los Angeles 27, Calif. **Past positions:** Teaching Asst., U. C. L.A. **Areas known first-hand:** California, Pacific N. W. **Major interests:** physical geog., California, arctic geog.

CARTER GEORGE F. U. of California, A.B., 1934; Ph.D., 1942. Prof. and Chairman, Isaiah Bowman School of Geog., Johns Hopkins U., Baltimore 18, Md. **Past positions:** Curator of Anthropology, San Diego Museum; Asst. in Geog., San Diego State Coll.; Teaching Asst. in Geog., U. of California; Assoc. Soc. Research Analyst, Office of Strategic Services. **Areas known first-hand:** American Southwest. **Major interests:** geographical evidences for the antiquity of man in America; origins and diffusion of American Indian agriculture. **Current research:** correlation of sea and valley terraces with soil development and the lithic industries of S. California; distribution of maize among the Indians of the eastern U. S.

CARTHEW ARTHUR W. U. of California, Los Angeles, A.B., 1928; U. of California, M.A., 1931. Instr., Los Angeles City College, 855 N. Vermont Ave., Los Angeles 27, Calif. **Past positions:** Asst. Prof., U.C.L. A. **Areas known first-hand:** California. **Major interests and current research:** regional studies, San Bernardino Mts., geog. in schools of Calif., standard tests in geog.

CARUSO, MARY L. State Teachers Coll., Trenton, B.S. in Ed., Graduate Student, Clark U., Worcester, Mass. **Address:** 104 Mechanics St., Burlington, N. J.

CASE, EARL C. Prof. of Geog., Dept. of Geol. and Geog., U. of Cincinnati, Cincinnati 21, Ohio.

CASPER, BERENICE M. U. of Nebraska, B.Sc., 1937, M.A., 1942, Instr., New Jersey State Teachers Coll., Trenton 5, N. J. **Past positions:** Public Schools, Lincoln, Neb., Extension Div., U. of Nebraska; Wharton School of Finance and Commerce, U. of Pennsylvania. **Areas known first-hand:** Middle West, Eastern U.S., Black Hills, Yellowstone and Grand Teton National Parks. **Major interests:** climatography, political and economic geog., Asia. **Current research:** economic development of Soviet Russia's Far Eastern and Maritime Provinces and Arctic and Subarctic N. Am.

CATHEY, TYSON A. **Address:** W.C.T. C. Cullowhee, N. C.

CAUGHEY, PHILIP M. **Address:** 90 Grant St., Waltham 54, Mass. (A)

CHAMBERLIN, THOMAS WILSON Eastern Illinois State Coll., B.Ed., 1936; Clark U., M. A., 1937, Ph. D., 1946. Assoc. Prof. and Head, Geog. Dept., Duluth Branch, U. of Minnesota. **Address:** 628 Woodland Ave., Duluth 5, Minn. **Past positions:** Assoc. Prof., East Tennessee State Coll.; Assoc. Prof., Northern Illinois State Teachers Coll., U. S. Navy. **Areas known first-hand:** Tennessee, New England, California, Cuba. **Major interests:** urban and economic geog., climatology. **Current research:** N. Minnesota.

CHANG, YIN T'ANG Yenching U., Peking, 1926; U. of Liverpool, England, M.A., 1929. Visiting Prof. Dept. of Geog., State Teachers College, Buffalo 9, N. Y. **Past positions:** Lecturer in Geog., Yenching U.; Prof. of Geog., National Tsin Hua U., Peking. **Areas known first-hand:** Manchuria, Inner Mongolia, Yunnan-Burman Borderland. **Major interests:** inner frontier regions of China, political, economic and racial geog., Far East. **Current research:** the unsettled frontier regions between China and Burma.

CHAPLINE, BARBARA R. Wellesley Coll., A.B., 1946. Clerk, American Legation, Beirut, Lebanon. **Past positions:** Research Analyst, State Dept., Washington, D. C. **Areas known first-hand:** U. S.; Lebanon. **Address:** 3802 Albe Marle St. N.W., Washington 16, D. C.

CHAPMAN, DONALD H. U. of Michigan, A.B., 1927, M.A., 1928, Ph.D., 1931. Assoc. Prof. of Geol. and Geog., U. of New Hampshire, Durham, N. H. **Address:** 39 Madbury Road, Durham, N. H. **Past positions:** Instr. in Geol., Dartmouth, N. H.; Teaching Fellow in Geol, U. of Michigan. **Areas known first-hand:** New England, Finland, Russia. **Major interest:** geomorphology. (A) (*)

CHEW, MARGARET **Address:** State Teachers College, La Crosse, Wiscousin.

CHRISTENSEN, JOHN E. **Address:** Dept. of Geog., Arizona State Coll., Tempe, Ariz. (A)

CHRISTIANS, WILLIAM F. U. of Chicago, Ph. B., 1925, S. M., 1932, Ph. D., 1938. Assoc. Prof. Geog., Wharton School, U. of Pennsylvania, Philadelphia 4, Pa. **Past positions:** Instr. Syracuse U. **Areas known first-hand:** northwestern Europe, esp. France; China; India. **Major interests:** geog. of Asia; geog. of manufacturing. **Current research:** American textile industry; geog. of manufacturing, India.

CHURCH, PHIL E. U. of Chicago, B. S., 1923; Clark U., M. A., 1932, Ph. D., 1937. Exec. Off. and Prof. of Meteorology and Climatology, 208 Thomson Hall, U. of Washington, Seattle 5, Wash. **Past positions:** Research Assoc.; U. of Chicago; Meteorologist, Metallurgical Labs.; Meteorologist, E. I., DuPont De-Nemours & Co. **Areas known first-hand:** State of Wash.; Ill.; south Mich.; Lake Mich. **Major interests:** climatology; meteorology; oceanography. **Current research:** dillution of waste stack gasses in the atmosphere; microclimatology; applied climatology; cloud nucleation.

CICALA, FRED FRANK Wilson Teachers Coll., Washington, D. C., B. S., 1948. Geog. Research Asst., Board on Geographic Names, Dept. of the Interior. **Address:** 10215 New Hampshire Ave., Silver Spring, Md. **Past positions:** Map Photographer, Army Map Service. **Areas known first-hand:** Middle West; Cotton Belt. **Major interests:** geographic research; teaching geog.; library. **Current research:** citrus industry in the Rio Grande valley. (A)

CLARK, ANDREW H. McMaster U., B. A., 1930; U. of Toronto, M. A., 1938; U. of California, Ph. D., 1944. Chairman, Dept. of Geog., Rutgers U., New Brunswick, N. J. **Past positions:** Statistical research; instruction and research in Geog, U. of Toronto, New Zealand (Canterbury), Johns Hopkins; research in Far East and Southwest Pacific Region, Office of Strategic Services and State Dept. **Areas known first-hand:** New Zealand: W. Europe, China, Maritime Canada, Algeria and Tunisia. **Major interests:** systematic physical geog. and regional historical geog., esp. agricultural and pastoral land use in the mid-latitude lands overseas settled from the shores of North Sea. **Current research:** historical land-use study Maritime Canada, also Australia; analyzing similar studies U. S. mid-Atlantic states; rationalization of geog. problems in plant and animal domestication in general; methodology of historical geog.

CLARK, AUSTIN H. Curator, Div. of Echinoderms, U. S. National Museum, Washington, D. C. **Address:** 1818 Wyoming Ave., N. W., Washington 9, D. C.

CLARK. BURTON **Address:** Apt. 1, 1813 F St. N.W., Washington 6, D. C.

CLARK, GENEVIEVE **Address:** Gorham State Teachers College, Gorham, Maine.

CLARK, ROSE B. U. of Nebraska, A.B., 1904; A.M., 1918, Ph.D., 1931. Prof. Emeritus (Geog.) Nebraska Wesleyan U. **Address:** 2535 North 49, Lincoln 4, Nebr. **Past positions:** Teachers Coll., Peru, Nebr.; Nebraska Wesleyan U., Lincoln, Nebr. **Areas known first-hand:** W. Europe, Indonesia. **Major interests:** physiography, climatology.

CLARK, THOMAS ARTHUR **Address:** A. and T. College, Box 98, Greensboro, North Carolina.

CLASSEN, HAROLD A. Illinois State Normal U., B. Ed., 1942, M. S. in Ed., 1947. Dept. of Geol., U. of Nevada, Reno, Nevada. **Areas known first-hand:** Middle West, South, Hawaii, Philippines, Japan. **Major interests:** economic and historical geog., N. A.

CLAYBURN, ANSEL B. U. of Nebraska, A. B., 1920, M. A., 1925. Prof. of Geog., Peru State Teachers Coll., Peru, Nebraska. **Areas known first-hand:** Central and Western U. S. **Major interests:** conservation, educational geog., land utilization.

CLETA, SISTER M. O. S. B. **Address:** Villa Madonna Coll., 116 E. 12th St., Covington, Ky. (A) (*)

CLIFF, DOROTHY STERNS. **Address:** 6 Rose Ave., Great Neck, N. Y. (A)

COFFMAN, W. ELMO Utah State Agricultural Coll., B. S., 1920; Brigham Young U., M. S., 1932; Ohio State U., Ph. D., 1944. Engineer, Bur. of Reclamation. **Address:** 2018 S. 22nd St., Salt Lake City 5, Utah. **Past positions:** H. S. and University teacher and Prof. of Geog. **Areas known first-hand:** Western U. S. **Major interests:** conservation of resources (reclamation); climatology; regional studies.

COLBY CHARLES C. Michigan Normal Coll., B. Ph., M. Ed. (Honor

ary); U. of Chicago, S. B., Ph. D. Prof., and Chairman, Dept. of Geog., Visiting prof. of Geog. in Grad. School, Univ. of Illinois, Urbana, Ill. **Past positions:** State Normal School, Winona, Minn.; Assoc. Prof. George Peabody Coll. for Teachers. Prof. and chairman, Dept. of Geog., U. of Chicago. **Areas konwn first-hand:** U. S. and S. Canada. **Major interests:** economic geog. of the U. S. and Canada; land and urban planning; sea transportation and trade. **Current research:** land associations and profiles.

COLE, CHESTER F. E. Washington Coll. of Education, B. A., 1937; U. of Washington, M. A., 1941. **Position:** Asst. Prof., Geog. and Geol., Fresno State College, Fresno 4. Calif. **Past positions:** Seattle Public Schools; U. of Nebraska. **Areas known first-hand:** E. Washington and San Joaquin Valley. **Major interests:** economic, political and historical geog. **Current research:** land use patterns of the Great Valley portion of Fresno County.

COLE, W. STORRS Cornell U., B. S., 1925, M. S., 1928, Ph. D., 1930. Prof., and chairman, Dept. of Geol., McGraw Hall, Cornell U., Ithaca, N. Y. **Past positions:** Geologist, Huasteca Petroleum Co., Tampico; Geologist, Sun Oil Co., Dallas; Instr. to Prof., Ohio State U. **Areas known first-hand:** Mexico, Florida, Ohio and New York. **Major interests:** micropaleontology; geomorphology; meteorology. **Current research:** larger foraminifera of Saipan, Bikini, and Pacific islands for U. S. Geol. Surv.

COLLIER, JAMES E. Western Kentucky Teachers Coll., B. S., 1936; U. of Cincinnati, M. A., 1938. Asst. Prof. of Geog., Dept. Geol. and Geog., U. of Missouri, Columbia. Mo. **Past positions:** Henderson State Teachers Coll.; U. of Missouri; U. of Nebraska; Fresno (Calif.) State Coll. **Areas known first-hand:** Central U. S.; central Calif. **Major interests:** economic geog.; physiography; urban geog. **Current research:** geog. of northern Ozark Border.

COLONNA, Mrs. MAXINE. **Address:** 1701 20th St., N. W., Washington 9, D. C. (A)

CONANT, ROBERT C. **Address:** 2104 N. Scott St., Arlington, Va. (A)

CONKLIN, GROFF Dartmouth, A. B., 1927. Free lance writer. **Address:** 56 West 75th St., New York 23, N. Y. **Major interests:** cartography, atlases. (A)

CONOYER, JOHN W. **Address:** St. Charles, R. R. No. 2, Missouri. (*)

CONSTANTINE, MYLDRED Illinois State Normal U., B. Ed., 1929; U. of Chicago, M. S., 1938. Geographic analyst, Encyclopaedia Britannica. **Address:** 5519 Blackstone, Chicago 37, Ill. **Past positions:** Teacher, Junior high schools, Plano, Ill. and Mishawaka, Ind.

COOPER, CLYDE EDWARDS. U. of Michigan, A. B., 1916, M. S., 1917; Clark U., Ph. D., 1927. Chairman and Prof., Dept. of Geol. and Geog., Ohio U., Box 385, Athens, Ohio. **Past positions:** State Teachers Coll., Cheney, Washington; Illinois State Normal U., Normal, Ill. **Areas known first-hand:** Michigan, Washington, Ohio, the Philippine Islands. **Major interest:** human geog.

COOPER, WILLIAM S. Prof. of Botany, Dept. of Botany, U. of Minnesota, Minneapolis 14, Minn.

CORDONIER, CHARLES E. **Address:** 82 Garden St., West Springfield, Mass. (A)

COREY, W. ROBERT Syracuse U., A. B., 1948. Army Map Service, Washington, D. C. **Address:** 2630 Adams Mill Road, Washington 9. D. C. (A)

CORFIELD, GEORGE S. Clark U., B. Ed., 1930, M. A., 1931, Asst. Prof., Geog. Dept., School of Commerce, A. & M. Coll., Stillwater, Okla. **Past positions:** State Teachers Coll., Duluth, Minn.; St. John U., Collegeville, Minn. **Areas known first-hand:** U. S., S. Canada, West Indies and Northern S. A. **Major interests:** U. S. and Caribbean area. **Current research:** economic geog. of Caribbean area.

CORSON, MRS. LUCILLE D. State Teachers Coll., Slippery Rock, Pa., B. S. in Ed., 1942. **Address:** 8983 Hollywood Hills Rd., Hollywood 46, Calif. **Past positions:** M. I. S., War Dept.

COSBY, STANLEY W. Regional Chief, Soil Conservation Surveys Div., Portland, Ore. **Address:** 3945 S. W. Wapato, Portland 1, Ore.

COULSON, LOIS E. Oberlin Coll., M. A., 1946. **Address:** Dept. of Geog., Western Reserve U., Cleveland 6, Ohio.

COULTER, JOHN W. U. of Calif., A.B., 1919, A.M., 1921; U. of Chicago, Ph.D., 1926. Pacific Asia; Specialist, U. N. **Address:** 12 Welwyn Rd., Apt. 3-P, Great Neck, N. Y. **Past positions:** Instr., U. of Chicago; Instr. to Prof., U. of Hawaii; Col. A.U.S., Human Geog., U. of Cincinnati. **Areas known first-hand:** the Pacific. **Major interests:** human geog., land utilization. **Current research:** human geog. of Pacific Islands.

COURT, ARNOLD U. of Oklahoma, B. A., 1934. Univ. of Wash. M. S., 1949. Climatologist, Department of the Army. **Address:** 1901 23rd St., S. E., Washington 20, D. C. **Past positions:** Meteorologist, U. S. Weather Bureau; Weather Officer, U.S.A.F. **Areas known first-hand:** Antarctic, Alaska and Aleutians, U. S. **Major interests:** climatology, Polar regions, glaciology. **Current research:** characteristics of extreme climates; human comfort indices.

COURTNEY, DALE E. **Address:** 4037 Latona Ave., Seattle 5, Wash. (A) (*)

COWAN, JAMES RICE U. of Chicago, B. S., 1914, M. S., 1928. Head, Geol. and Geog. Dept., Junior Coll. of Kansas City. **Address:** 3845 McGee St., Kansas City 2, Mo. **Past positions:** Northeast High School, Kansas City, Mo. **Areas known first-hand:** Ohio, Kansas, California, Mexico. **Major interest:** physiography, human geog., climatology.

COX, CATHERINE ELIZABETH Clark U., M. A., 1942. Recruit Training Center (W) Great Lakes, Ill. **Address:** Wave Officer Quarters, Great Lakes, Ill. **Past positions:** Michigan St. Normal Coll., Ypsilanti, Mich., Navy. Dept., State Teachers Coll., Trenton. **Areas known first-hand:** eastern U. S., Minn. S. Canada, Bermuda. **Major interests:** economic geog.; political geog.; Latin America.

COZZENS, ARTHUR B. Washington U., St. Louis, A. B., 1927, M. S., 1928, Ph.D., 1937, Geographer, Dept. of Army, Washington, D. C. **Address:** 4311 Centre St., Chevy Chase, Maryland. **Past positions:** Instr., U. of Illinois; Office of Strategic Services; Assoc., Prof., Chairman of Dept. of Geog., Kenyon Coll., Gambier, O.; Geologist, Conservation Br., U. S. Geol. Surv. **Areas known first-hand:** Ozark Highlands, Great Plains, Rocky Mts., Great Basin, E. Mexico, E. Canada. **Major interests:** military geog., sedimentation, geomorphology. **Current research:** military geog.

CRAIN, CLARK N. U. of Colorado, B. A., 1939, M. A., 1940. Assoc. Prof. and Chairman, Dept. of Geog., U. of Denver, Denver 10, Col. **Past positions:** Monticello Coll.; Census Bureau. **Areas known first-hand:** Central American Republics, western U. S., northern Canada. **Major interests:** mountain geomorphology, interstate and international water problems, migrant peoples. **Current research:** migrant peoples, interstate water controversies, map of Colorado.

CRAINE, LYLE E. Oberlin Coll., A. B., U. of Wisconsin, Ph. M. Dept. of Interior. **Address:** 5504 Brite Dr., Bethesda, Md. **Past positions:** Bureau of the Budget; U. of Wisc., N. State Teachers Coll., Marquette, Mich. **Areas known first-hand:** N. A, Japan, N. China. (A)

CRAMER, ROBERT E. Ohio U., A. B., 1943; U. of Chicago, S. M., 1947. Instr. Morton Jr. Coll., Cicero, Ill. **Address:** 1151 E. 61st St., Chicago 37, Ill. **Past positions:** Cartographer and photo interpreter, Army Air Forces. **Area known first-hand:** Appalachian Plateaus. **Major interests:** audio-visual education, economic geog. **Current research:** Land use, Berwyn, Ill.; picture analysis.

CRARY, DOUGLAS D. U. of Michigan, Ph.D., 1947 Asst. Prof. U. of Michigan. **Address:** 1842 Cambridge Road, Ann Arbor, Mich. **Past positions:** Asst., Harvard U. **Areas known first-hand:** Far East and Near East. **Major interests:** Near East and human geog. **Current research:** irrigation systems, water supply, agriculture of Near Eastern areas.

CRESSEY, GEORGE B. Denison U. B. S., 1919, D. H. L., 1948; Chicago U., M. S. (geol.), 1921, Ph. D. (geol.), 1923; Clark U., Ph. D. (geog.), 1931 Chairman, Dept. of Geog., Syracuse University, Syracuse 10, N. Y. **Past positions:** U. of Shanghai; Stanford U. **Areas known first-hand:** Asia, esp. China; Soviet Union. **Major interests:** geomorphology. **Current research:** landforms of, N. Y.; China.

CREVELDING, HAROLD F. Clark Univ. **Address:** Clark Univ., 6 Richards St., Worcester, Mass. (A)

CRISLER, ROBERT M., U. of Missouri, A. B., 1941; Northwestern U., Ph. D., 1949, Asst. Prof., Dept. of Geog., Washington U., St. Louis 5, Mo. **Past positions:** Instr., Army U. Study Center, Florence, Italy; Instr., Northwestern U. **Areas known first-hand:** N. Africa, Italy. **Major interests:** economic geog., N. A., Europe. **Current research:** Little Dixie (Mo.) and Little Egypt (Ill.)

CRIST, RAYMOND E. U. of Cincinnati, A. B., 1925; U. of Grenoble, Docteur es Lettres. 1937. Prof. of Geog., U. of Maryland, College Park, Md. **Past positions:** Atlantic Refining Co.; U. of Illinois; U. of Puerto Rico. **Areas known first-hand:** Caribbean; Brazil, Andean S. A.; Mediterranean. **Major interests:** Caribbean, Mediterranean. **Current research:** geography of the Caribbean world.

CRITTENDEN, CHARLES V. **Address:** Virginia Geographical Institute, U. of Virginia, Charlottesville, Va. (*)

CROMPTON, MABEL P. Illinois State Normal U., B. Ed.; U. of Chicago, M. S., 1924. Asst. Prof., Illinois State Normal U. **Address:** 15 Payne Place Normal, Ill. **Areas known first-hand:** U. S., S. Canada, N. W. Europe. **Major interests:** Europe, Soviet Union. Illinois. **Current research:** geog. of Illinois.

CRONINGER, ADELE B. Address: 31 Aberdeen Place, St. Louis 5, Mo.

CROSS, CLARK I. **Address:** 20041 19th Avenue, N. E., Seattle 55, Washington.

CROWELL, THOMAS Y., COMPANY. **Address:** 432 Fourth Avenue, New York 16, N. Y. (see advertisement).

CRUIKSHANK, ROBERT SAMUEL. Pennsylvania State Coll., B. S., 1949. Soil Conservation Service. **Address:** 454 Park St., York, Pa. **Areas known first-hand:** all states east of Mississippi River, Gulf of Mexico and Panama. **Major interests:** transportation (air), land utilization, conservation. (A)

CRUSER, VIOLET M. Trenton State Teachers Coll., B. S., 1926; Columbia U., M. A., 1946. Geog. Teacher, Alfred Vail Jr. High School, Morris Plains, N. J. **Address:** 185 Belleville Ave., Bloomfield, N. J. **Past positions:** Teacher, Englewood Cliffs School. **Areas known first-hand:** U. S., Mexico, and Ontario. **Major interests:** climatology, photography.

CULBERT, JAMES I. U. of Minnesota, A. B., 1923; Clark U., A. M., 1938, Ph. D., 1939. Assoc. Prof. Geog. and Geol., New Mexico Coll. of A. and M. A., State College, N. M. **Past positions:** Prof. Geog. and Geol., West Liberty S. T. C., West Liberty, W. Va.; Assoc. Prof. Geog., New Mexico Coll. A. and M. A.; Petroleum Engineer, Stanolind Oil & Gas Co.; Assoc. Prof. Geog. & Geol., Ariz. State Teachers Coll., Tempe, Ariz. **Areas known first-hand:** New England, S. W., mid-West, Rocky Mts., Cuba and Mexico. **Major interests:** economic geog. and geol. of New Mexico. **Current research:** geog. of New Mexico.

CUMMINGS, HAROLD W., State Teachers Coll., Fitchburg, Mass., B. S. 1935; Boston U., Ed. M., 1937. Asst. Prof., Box 102, Drake U., Des Moines 11, Iowa. **Past positions:** Instr., public schools, Conn. and Mass.; Boston U. **Areas known first-hand:** E. Canada, Mexico, New England. Midwest U. S. **Major interests:** human geog., Asiatic Russia.

CUNNINGHAM, FLOYD F., Illinois State Normal U., B. Ed., 1926; Clark U., A. M., 1928, Ph. D., 1930. Chairman, Dept. of Geog. and Geol., Southern Illinois U., Carbondale, Ill. **Past positions:** State Teachers Coll., Florence, Ala. **Areas known first-hand:** Canada; Mexico; Europe, esp. Germany, France. **Major interests:** economic geog., land utilization. **Current research:** wine industry of the Bordeaux area; land utilization in the upper Gave de Pau, Pyrenees Mts.

CUTSHALL, ALDEN Eastern Illinois State Teachers Coll., B. Ed., 1932; U. of Illinois, M. A., 1935; Ohio State U., Ph. D., 1940. Assoc. Prof., Chicago Under-graduate Div., U. of Illinois. Navy Pier, Chicago 11, Ill. **Past positions:** U. of Illinois at Urbana; Office of Strategic Services; Public School work. **Areas known first-hand:** midwestern U. S. **Major interests:** eastern Asia and midwestern U. S.; economic and political geog. **Current research:** Philippine Islands, economic and political; Illinois, economic.

DALE, F. G. U. of Nebraska, A. B., 1921, M. A., 1934. Chairman, Dept. of Geog., Nebraska State Teachers Coll., Wayne, Nebr. **Areas known first-hand:** Northern Rocky Mts. **Major interests:** regional geog. of N. A.; economic geog.

DAMBAUGH, MRS. LUELLA N. U. of Chicago, M. S., 1936; Ph. D., U. of Maryland, 1947. Assoc. Prof. of Geog. U. of Miami, University Branch, Miami, Fla. **Past positions:** Fellow, U. of Md.; Research Asst., Amer. Geog. Soc.; Lecturer, U. of Pittsburgh. **Areas known first-hand:** East and Midwestern U. S., Cuba, Puerto Rico. **Major interests:** Latin America; World Economic Geog. **Current Research:** Middle America.

DANKLEFSEN, MILDRED. Bowling Green State U., Ohio, B. S. in Ed., 1939; Clark U., M. A., 1943. **Address:** 455 Park Ave., Worcester, Mass. **Past positions:** Instr., Western Reserve U.; Bellevue Public Schools, Ohio. (*)

DARKENWALD, GORDON G. Clark U., M. A., 1933, Ph. D., 1934. Chairman and Assoc. Prof., Dept. Geol. and Geog., Hunter Coll., 695 Park Ave., New York 21, N. Y. **Areas known first-hand:** U. S. and Europe. **Major interests:** economic geog., geog. of U. S. regional. **Current research:** college text on geography of U. S.

DASHIELL, SAMUEL C. U. of Oregon, B. A., 1940; Clark U., M. A., 1942. c/o American Embassy, Rangoon, Burma. **Past positions:** Instr., U. of Denver, E. Washington College of Education, Cheney, Wash. **Areas known first-hand:** Pacific Coast and S. W. Canada; Middlewest, New England, E. India and N. Burma **Major interests:** physical geog.; Asia; Pacific Northwest. **Current research:** Palouse region of Washington and Idaho.

DAVEY, THOMAS. **Address:** Unit P-21, Univ. Village, Como and 29th Aves. S.E., Minneapolis 14, Minn. (A)

DAVIS, CHARLES M. U. of Michigan, A. B., 1925, A. M., 1926, Ph. D., 1935. Prof., Department of Geog., U. of Michigan, Ann Arbor, Michigan. **Areas known first-hand:** western U. S., southwest Pacific Ocean area. **Major interests:** physical geog.; Rocky Mt. geog.; land utilization of marginal areas. **Current research:** population and utilization areas in Rocky Mts.

DAVIS, DARRELL HAUG. Prof. Emeritus Dept. of Geog., U. of Minnesota, Minneapolis 14, Minn.

DAVIS, JEHIEL S. **Address:** Jehiel Davis Travel Service, 6420 Van Nuys Blvd., Van Nuys, Calif.; home, 14253 Gilmore St., Van Nuys, Calif.

DAVIS, LAWRENCE C. U. of Chicago, M. S., 1930. Head of Dept. of Geog., State Teachers Coll., Indiana, Pa. **Past positions:** State Teachers Coll., Indiana, Pa., Instr. to Head of Dept.; Army Air Force. **Areas known first-hand:** Australia and western Pennsylvania. **Major interests:** geographic education and political geog. **Current research:** geog. backgrounds from world literature.

DAVIS, LESLIE MARTZ Indiana U., A. B., 1920; Northwestern U., M. B. A., 1926; U. of Chicago, Ph. D., 1935. Prof of Geog., Marshall Coll., Huntington, W. Va. **Past positions:** Instr., Syracuse U., Rider Coll.; Tennessee Valley Authority. **Areas known first-hand:** Middle Ohio River Valley; W. Va. **Major interests:** urban geog.; political geog. **Current research:** geog. of W. Va.

DAVIS, PATRICIA G. **Address:** 4828 New Hampshire Ave., N. W., Washington, D. C. (A)

DAVIS, MRS. RUTH KILPATRICK. **Address:** 1327 18th Street N.W., Washington, D. C. (A) (*)

DAY, DOROTHY M. Miami U., Oxford, Ohio, B. S. in Ed., 1944; Clark U. Teacher, Box 116, Waynesville, Ohio (A)

DEAN, VEVA KATHERN Clark U., M.A., 1940., Ph.D., 1949. Hd., Dept. of Geog., State Teachers Coll., East Stroudsburg, Pa. **Past positions:** State Teachers Coll., Fitchburg, Mass.; State Teach. Coll., Worcester, Mass.; State Teachers Coll., Trenton, N. J. **Areas known first-hand:** U S., S. Canada, Central Mexico, Newfoundland. **Major interests:** political geog., meteorology, Near East and North America. **Current research:** political geography of Newfoundland.

DEARBORN, HENRY. **Address:** Dept. of Geol., U. of Colorado, Boulder, Colo. (A)

DEASY, GEORGE F. U. of Cincinnati, M. A., 1936; Clark U., Ph. D., 1948. Assoc. Prof., Division of Geog., The Pennsylvania State Coll.

State College, Pa. **Past positions:** Instr., U. of Cincinnati; Geog., U. S. Dept. of State; Geog., U. S. Dept. of the Army. **Areas known first-hand:** eastern Mexico; south central Canada; southern and central Alaska; eastern, central, and southern U. S. **Major interests:** physical geog.; military geog.; Far East.

DEGENHARDT, GLORIA A. Wilson Teachers Coll., B. S., 1944. **Address:** 113 Washington St., Charlottesville, Va. **Past positions:** Cartography, Office of Strategic Services; Dept. of State. (*)

DeLAUBENFELS, DAVID J. Colgate U. B. A., 1949. **Address:** Dept. of Geography, University of Illinois, Urbana, Ill.

DeLONG, GEORGE C. U. of Illinois. B. A., 1939; Columbia U., M. A., 1941. Asst. Prof. of Geog., Michigan State Normal Coll., Ypsilanti, Mich. **Past positions:** Instr., Senior High School, Jacksonville, Ill.; Instr., Northwestern State Coll., Alva, Oklahoma; Instr., U. of Illinois. **Areas known first-hand:** Central and Eastern U. S., E. Canada. **Major interests:** regional and economic geog., dairying. **Current research:** Northeastern Illinois Dairy Region.

DEWEY, VIRGINIA M. **Address:** 2006 Columbia Road., N. W., Washington 9, D. C. (*)

DICKEN, SAMUEL N. Marietta, A. B., 1924; U. of California, Ph. D. 1930. Prof. of Geog., Head Dept. of Geog. and Geol., U. of Oregon, Eugene, Ore. **Past positions:** Prof. of Geog., U. of Minnesota. **Areas known first-hand:** Kentucky, Minnesota, Northeastern Mexico; Pacific Northwest. **Major interests:** economic geog.; geomorphology. **Current research:** geog. of Oregon.

DICKINSON, ROBERT E. Leeds U., B. A., (1st class Hons.) 1925, M. A. 1928; London U., Ph. D. 1932. Prof., Dept. of Geog., Syracuse U., Syracuse, N. Y. **Past positions:** Reader in Geog., University College, London; Rockefeller Travelling Fellow, U. S., **Areas known first-hand:** Great Britain, Germany, France, Low Countries. (*)

DIDCOCT, BETTY Mt. Holyoke Coll. B. A., 1938; Peabody Coll., B. S. in L. S., 1939, M. A., 1944. U. S. Government. **Address:** 2632 Tunlaw Rd., N. W., Washington 7, D. C. **Past positions:** Ref. and Circulation Librarian, U. of Ariz.; Divisional Librarian, Stephens Coll.; Instr., Peabody Coll.; Research Analyst and Geog., U. S. Dept. of State. **Areas known first-hand:** Southern and Southwestern U. S., Mexico, Cuba, Panama. **Major interests:** economic geog., anthropogeography, mapping.

DIEHL, IVAN C. Columbia U., M. A., 1936. **Address:** State Teachers College, Frostburg, Md.

DIEHL, LEE ADDAMS Shippensburg State Teachers Coll., B. S.; Clark U., M. A., 1940. **Position:** Teacher of Geog., McDonogh School, McDonogh, Md. **Past positions:** Head, Geog. Dept., Red Lion High School, Red Lion, Pa. **Areas known first-hand:** Pa.; Md.; Ontario, Canada. **Major interests:** economic geog., land utilization, conservation. **Current research:** climate of Yucatan.

DIETTRICH, SIGISMOND deR. U. of Budapest, A. B., 1927, M. A., 1928; Clark U., Ph. D., 1931, Royal Hungarian Palatine Joseph U., Budapest, D. Sc., 1936. Head Prof., Dept. of Geog., Science 204, U. of Florida, Gainesville, Fla. **Past positions:** Asst. to Chief. Div. of Geog. and Cartography, Dept. of State; U. S. Board on Geog. names; Instr. to Prof., U. of Florida; Visiting Prof., Royal Hungarian Palatine-Joseph U., Budapest. **Areas known first-hand:** central and western Europe, excluding England; Baltic; Italy; The Balkans; Eastern U. S., the South; Florida. **Major interests:** resource use mainly the South; economic geog.; political geog. **Current research:** geog. of Fla.; problems of resource-use in the South; geog. of Europe (textbook).

DIFFENDERFER, N. RICHARD. State Teachers College, Shippensburg, Pa., B. S., 1943; U. of Nebraska, Lincoln, Nebr. M. A., 1945. Asst. Prof. of Geog., Nebraska State Teachers Coll., Kearney, Nebr. **Past positions:** Instr. Nebraska State Teachers Coll., Kearney, Nebr.; Instr., U. of Nebraska. **Areas known first-hand:** Northern Ridge and Valley Region of Appalachian Province, Central Great Plains and adjoining Glaciated Central Lowland. **Major interests:** plant geog., economic geog. (agricultural phases), conservation of natural resources. **Current Research:** publications of United Nations of geographic significance; apple industry of northern Great Valley and contiguous areas.

DI GIULIAN, CORINNA. Wilson Teachers Coll., Washington, D. C., B. S., 1933; George Washington U., M. A., 1943. Teacher. **Address:** 5501 13th St. N. W., Washington, D. C. **Past positions:** secondary teacher, D. C. public schools (A)

DILLARD, LOUISA G. U. of Maryland, M. A., 1942. Dept. of Geog., U. of Maryland. **Address:** 21 Claremont Avenue, New York 21, New York.

DIX, ERNEST SANFORD. Pennsylvania State Coll., B. S., 1941; Clark U., M. A., 1948. Asst. Prof., Dept. of Geog., Miami U., Oxford, Ohio. **Past positions:** Instr., Amherst Coll. **Areas known first-hand:** Prince Edward County, Ontario, Canada. **Major interest:** meteorology.

DOBBY, DR. E. H. G. **Address:** Raffles College, Singapore, British Malaya.

DODGE, HARVEY H. Hochschule fuer Welthandel, Vienna, Austria. **Address:** 7707 European Command Intelligence Center, APO 757, c/o P. M. New York. **Past positions:** Editor of a professional transport journal, Vienna; Office of Strategic Services, Topographic Br., War Dept. (A) (*)

DODGE, RICHARD E. Harvard U., A. B., 1890, A. M., 1894. Emeritus Prof. of Geog., U. of Connecticut. **Address:** Wormwood Hill House, Mansfield Center, Conn. **Past positions:** Asst. in Geol., Instr., Harvard U., Asst. Prof., Prof., Teachers Coll., Columbia; Co. Agt. Leader. **Areas known first-hand:** southeastern U. S.; New Mexico, Ariz. **Major interests:** physiography; educational and human geog.

DODGE, STANLEY D. U. of Chicago, Ph. D., 1924. Assoc. Prof. of Geog., 17 Angell Hall, U. of Michigan, Ann Arbor, Mich. **Areas known first-hand:** U. S. **Major interests:** climate; population; classical. **Current research:** climate.

DOHRS, FRED E. Northwestern U., B. S., 1942, M. A., 1948. Grad. Student, Dept. of Geog., Northwestern U. **Address:** 2409 Payne St., Evanston, Ill. **Past positions:** Terrain Analyst, G-2, War Dept.; Staff Intelligence Officer, U. S. Air Forces. **Areas known first-hand:** N. Ireland, S. England, N. France, Germany, Austria. **Major interests:** Geo-photography; Europe. **Current research:** applications of motion pictures to geographic research.

DOME, JOHN E. Miami U., A. B., of Illinois; U. of Nebraska; State Teachers Coll., Clarion, Pa. **Areas known first-hand:** U. S. and Canada. **Major interests:** conservation, geomorphology, and economic geog. **Current research:** geog. and geol. of Southeastern Ohio.

DONNER, RUTH ELIZABETH Western Mich. Coll., B. S., 1941. Grad. student, U. of Wisconsin. **Address:** 1029 W. Johnson, Madison, Wis. **Permanent Address:** 312 S. Elm St., Three Oaks, Mich. **Past positions:** Three Oaks Twp. School, Three Oaks, Mich. **Areas known first-hand:** S. Michigan and N. Indiana. **Major interests:** conservation, land utilization and visual education. (A)

DOOLEY, MRS. MARY M. TRUE. Michigan State College, B.A., 1946; Northwestern U., M.A., 1948. Research Asst. in Geography, Northwestern Univ., Evanston, Ill. **Past positions:** Instr., Dept. of Geol. and Geog., Michigan State College, East Lansing, Mich. **Major interests:** Latin America, Europe, economic geography. (A)

DORRIS, FERN E. B. S., 1927, M. A., 1928. Asst. Prof. of Geog., Georgia State Coll. for Women, Milledgeville, Ga. **Areas known first-hand:** Yazoo Bason, Nashville Basin, Georgia. **Current research:** social studies reader on Georgia for 8th grade.

DOTY, H. S. Iowa State Coll., B.S. 1912; M.S., 1915. Prof. of Geol., Simpson Coll., Indianola, Iowa.

DOW, C. L. U. of Nebraska, Ph. D., 1933. Prof. Chairman of Geol. and Geog., Ohio U., Athens, Ohio, Ohio Natural Resources Comm. **Past positions:** Nebraska Wesleyan U.; U. 1926. Asst. Prof., Director audio-visual Services, Miami U., Oxford, Ohio. **Major interests:** audio-visual education, photography.

DOWNS, MARGARET B. Randolph-Macon Womens Coll., B. A., 1929; Columbia U., M.A., 1933. Dept. of Geog. and Geol., Hunter College. **Address:** 112-3 72nd Dr., Forest Hills, N. Y. **Past positions:** Hunter College; Research Asst. to C. W. Thornthwaite, Seabrook Farms, Seabrook, N. J. **Areas known first-hand:** U. S., Canada, Caribbean. **Major interests:** economic geog., esp. agricultural geog.; climatology. **Current research:** agricultural trends in Ohio valley; climatology.

DROZDOFF, LEO M. Coll. of the City of N. Y., B. S., 1935. Cartographer, United Nations. **Address:** 59 Meadow Lane, Roslyn Heights, N. Y. **Past positions:** Office of Strategic Services. **Areas known first-hand:** Middle Atlantic region. **Major interests:** cartography, transportation.

DUNCAN, NASON NEILL U. of Missouri, M. A., 1926. **Address:** 322 Keetoowah, Tahlequah, Okla. **Past positions:** Northeastern State Coll., Chairman, Dept. of Geol. and Geog. **Areas known first-hand:** Ozark uplift, glaciated plains of Mo. and Iowa. **Major interests:** physiography, regional geography, geography methods.

DUNLAP, M. D. **Address:** 26 15th St. N. E., Atlanta, Ga., (A) (*)

DURAND, LOYAL, JR. U. of Wisconsin, B. A., 1924, M. A., 1925, Ph. D., 1930. Prof. of Geog., Dept. of Geol. and Geog., U. of Tenn., Knoxville 16, Tenn. **Past positions:** U. of Wisconsin. **Areas known first-hand:** northeastern, southeastern, and north central U. S. **Major interests:** world dairy regions—the American Dairy Belt, Upper Great Lakes region, the Mountain South. **Current research:** the dairy region and the Mountain South.

DuROSS, HAROLD J. **Address:** 12 Nelson St., Cazenovia, New York.

DZICZKOWSKI, LEONARD H. Western Reserve U., B. Sc., 1941; U. of Wisconsin, M. A., 1941. U. S. Government. **Address:** 214 Washington Rd., Hollin Hall Village, Alexandria, Va. **Past positions:** Research Asst., Western Reserve U.; Research Asst., U. of Wis.; Teaching Asst., U. of Wis.; Consultant to Frank J. Lausche on Urban Planning; Cartographer, Office of Strategic Services; Geographer, Dept. of State. **Areas known first-hand:** Mexico. **Major interests:** urban planning, cartography. **Current research:** geographic techniques and methods employed in urban land-use analyses in U. S.

EACHUS, ETHEL Y. State Teachers Coll., West Chester, Pa., U. of Pennsylvania, B. S. Ed. Smedley Jr. H. S., Chester, Pa. **Address:** 17th and Upland Sts., Chester, Pa. **Areas known first hand:** travel in N. and S. America. **Major interests:** economic geog., teaching of geog. (*)

EADS, MABEL L. S. Illinois U., B. Ed., 1929; U. of Chicago, M. A., 1934; M. S., 1938. Asst. to Chief, Far Eastern Br., Office of International Trade, Dept. of Commerce. **Address:** 4520 MacArthur Blvd., N. W., Washington 7, D. C. **Past positions:** Brush Training School, S. Illinois U., Carbondale; Foreign Economic Administration. **Areas known first-hand:** U. S. east of Rocky Mts. **Major interests:** economic geog.; Far East. **Current research:** foreign trade of the Far East.

EARLE, FRANCES M. Winthrop Coll., A. B., 1918; Columbia U., M. S., 1926; George Washington U., Ph. D., 1929. Assoc. Prof., Dept. of Geog., U. of Washington, Seattle, Wash. **Past positions:** U. of Vermont; George Washington U. **Areas known first-hand:** western U. S.; western Europe, esp. British Isles; Asiatic Pacific area; southeast Asia, esp. Indonesia. **Major interests:** Asiatic-Pacific area, esp. southeast Asia; geography theory; habitation. **Current research:** Far East; Indonesia; geog. of habitation.

EASH, DORIS JOSEPHINE. U. of Michigan, A. B., 1947, M. A., 1949. Geographer, U. S. Government. **Address:** 1426 21st St., N. W., Washington, D. C. **Areas known first-hand:** Michigan. **Major interests:** cartography, geology.

EGGERDING, MILFERD H. Valparaiso U., B. A., 1940; Northwestern U., M. A., 1947. Asst. Prof., Geog. Dept., Valparaiso U., Valparaiso, Ind. **Past positions:** Instr., Evanston Collegiate Institute, Evanston, Ill.; Instr. Evanston Community Coll., Evanston, Ill. **Areas known first-hand:** Near East; Middle West in U. S. **Major interests:** geographic planning, Near East, settlement geog. **Current research:** land use study of the city of Hammond, Ind.

EISELEN, ELIZABETH Northwestern, B. A., 1931; Columbia U., M. A., 1933; U. of Chicago, Ph. D., 1943. Assoc. Prof. of Geol. and Geog., Wellesley Coll., Wellesley 81, Mass. **Past positions:** Instr. and Dean of Women, Union Coll., Barbourville, Ky. **Areas known first-hand:** U. S., esp. Great Lakes Region. E. Kentucky, South Dakota, and New England; W. Europe. **Major interests:** economic geog. of North and South America; conservation.

EISEN, EDNA E. U. of Chicago, Ph. B., 1928, M. S., 1929, Ph. D., 1948. Professor, Kent State U. **Address:** 126 Wilson Ave., Kent, Ohio. **Past positions:** Teacher, Milwaukee Public Schools. **Areas known first-hand:** Northern Ohio, southeastern Wisconsin, Northeastern U. S. **Major interests:** educational geog., water problems, land utilization. **Current research:** educational land use in Lake County, Ohio.

EISTER, MARGARET FORD (Mrs. William A. Eister). Radcliffe Coll., B. A., 1946. Geographer, Army Map Service. **Address:** 811 Tennessee Ave., Alexandria, Va. **Areas known first-hand:** New England. **Major interests:** mapping and regional geog. **Current research:** map research. (A)

EKBLAW, SIDNEY E. U. of Illinois, A. B., 1929, M. S., 1930; Clark U., Ph. D., 1934. Prof. and Chairman of Dept., U. of Kansas City, 5100 Rockhill Rd., Kansas City 4, Mo. **Past positions:** Illinois State Geol. Survey. **Areas known first-hand:** Middle West and Great Plains, U. S. **Major interests:** economic geog., grasslands, geomorphology.

ELKINS, ANNICE DAVIS (Mrs.) Florida State U., B. S. (Ed.), 1935, U. of Chicago, S. M. (Geog.), 1940. Supervisor of Instruction, Osceola County, Fla. **Address:** Box 350, Kissimmee, Fla. **Past positions:** Teacher, Tarpon Springs, Fla. **Areas known first-hand:** Florida. **Major interests:** teaching of resource use, county studies, historical geog. of Fla.

ELLIOTT, FRANCIS E. U. of Virginia, M. A. **Address:** 52 Hurlburt Street, New Haven 11, Conn.

ELLIOTT, HARRIET A. Geneva Coll., B. S. 1925: Columbia U., A. M. 1928. **Address:** 514 South Matlack St., West Chester, Pa. **Past positions:** Head, Dept. Geog., State Teachers Coll., West Chester, Pa. **Areas known first-hand:** U. S., Canada. **Major interests:** teaching of geog., economic geog., geog. of Pa.

ELLIOTT, HARRY L. JR. Kansas City U., B. A., 1948. **Position:** Asst. Instr. **Address:** Dept. of Geog., U. of Kansas, Lawrence, Kans. **Major interests:** agricultural geog., plant geog. (A)

ELMGREN, BRUCE A. Student, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Past position:** Forest Service (Pine Blister Survey). **Areas known first-hand:** W. Europe, Pacific N. W. **Major interests:** reclamation, climatology. (A)

EMORY, SAMUEL T. Randolph-Macon Coll., A. B., 1917; Columbia U., A. M., 1920; U. of Chicago, Ph. D., 1939. Prof. of Geog., U. of North Carolina. **Address:** 722 E. Franklin St., Chapel Hill, N. C. **Past positions:** State Teacher Coll., Farmville, Va.; Principal, Goldsboro High School; Supt. Tarboro Schools; State Rep. MacMillan Co. **Areas known first-hand:** U. S.; Canada; Mexico. **Major interests:** political geog.; geog. in history. **Current research:** geographic influences in the history of the Americas.

ENGLEHART, PHYLLIS I. **Address:** 4107 Fessenden St., N. W., Washington 16, D. C. (A)

ENGLISH, VAN H. Colorado State Coll. of Education, B. A., 1936; Clark U., Ph. D., 1942. Asst. Prof., Dept. of Geog., Dartmouth Coll., Hanover, N. H. **Past positions:** Graduate Manager and Asst. Accountant, Colorado State Coll. of Ed.; Cartographer, Office of Strategic Services; Cartographer, Geog., Dept. of State.. **Areas known first-hand:** Western U. S.; Western U.S.S.R. **Major interests:** regional study in U.S.S.R. and Latin America. **Current research:** principally map construction.

ENMAN, JOHN A. JR. U. of Maine, A. B., 1943; Harvard Coll., A. M., 1948. Instr., Geology and Geog., Washington and Jefferson Coll., Washington, Pa. **Areas known first-hand:** New England and north-central India. **Major interests:** geomorphology, agricultural geog., India.

ENTWISTLE, NATALIE **Address:** 1125 Trafalgar St., West Englewood, N. J.

EREMICH, FLORENCE B. U. S. Government, **Address:** 2301 North Vernon, Arlington, Va. **Past positions:** Military Intelligence Research Analyst, Intelligence Div., Map & Photo Br.; Photogrammetrist, Beach Erosion Board. **Areas known first-hand:** Pacific N. W., esp. Puget Sound area. **Major interests:** photo interpretation, geog. of northwestern U. S. (A)

ERICKSON, CLARENCE E. Owner, C. E. Erickson & Associates (Cartographers). **Address:** 1521-A Shattuck Ave., Berkeley 9, Calif. **Past positions:** Manager, Cartographic Dept., Rand McNally & Co., San Francisco, Geog. and Admin. Asst., Safeway Stores, Inc., Oakland, Calif. **Areas known first-hand:** Western U. S. and cities of W. Canada. **Major interests and current research:** investment and tax maps; educational aids. (A)

ERICKSON, FRANKLIN C. Clark U., A. B., 1928, A. M., 1930, Ph. D., 1935. Prof. of Geog., Dept. Chm., Boston U., Boston Mass. **Past positions:** Instr., Dartmouth Coll., Asst. Prof., U. of S. Carolina; Prof., U. of N. Carolina. **Areas known first-hand:** western Europe; Canada; southern U. S.; Switzerland. **Major interests:** Europe; cartography; land use.

ERICSON, MARY ALICE **Address:** Dept. of Sociology, Gustavus Adolphus College, St. Peter, Minn.

ERNST, FRED E. Michigan State Coll., East Lansing, Mich. **Past positions:** military service. **Areas known first-hand:** England, North Africa, Italy. **Major interests:** cartography, foreign commerce. (A)

ERSELCUK, MUZAFFER Robert College, Istanbul, A.B., 1938; M.A. Indiana, 1940; Ph.D., 1945. Assoc. Prof. of Resources and Industries, Purdue U. **Address:** 2238 Union St., LaFayette, Indiana.

ERVIN, ROGER E. U. of Washington, B.A., 1947; M.A., 1949. Asst. Dept. of Geog., U. of Maryland, College Park, Md. **Areas known first-hand:** Central America. **Major interests:** Latin America; econ. geog. (A)

ESPENSHADE, ADA V. U. of Chicago, B. S., 1936, M. S., 1938. Far Eastern Branch, Office of International Trade, Dept. of Commerce. **Address:** 4520 MacArthur Blvd. N. W., Washington 7, D. C. **Past positions:** Wellesley College; Foreign Economic Administration; Natural Resources Section, GHQ, SCAP, Tokyo, Japan. **Areas known first-hand:** Midwest, New England, Canada, Japan, China, Philippines, India. **Major interests:** natural resources, the Far East. **Current research:** foreign trade of Japan.

ESPENSHADE, EDWARD B., JR. U. of Chicago, Ph. D., 1944. Assoc. Prof. of Geog., Northwestern U., Evanston, Ill. **Past positions:** Curator of Maps, Instr. in Geog., U. of Chicago; Map Editor; Army Map Service. **Areas known first-hand:** northwest Ontario; U. S., western Europe - France, Italy, Germany, Belgium, Holland, Denmark, Portugal. **Major interests:** cartography: southeast Asia: physical geog. **Current research.** preparation of climatic and economic world maps for **Goode's School Atlas.**

ESSERS, FLORENCE HELBURG (Mrs. Henrik Essers). U. of Colorado, B. A., 1942. **Address:** 2000 F. St., N. W., Apt. 207, Washington 6, D. C. **Past positions:** U. S. Board on Geographic Names.

ESTEN, RANDALL D. Photogrammetric Engineer, Engineer Research and Development Laboratories, Fort Belvoir, Va. **Address:** 1010 11th St. N.W., Washington 1, D. C. (A)

EVERHART, PHYLLIS S. Western Reserve U., B. A., 1945, M. A., 1946. Teaching Fellow, Dept. of Geog., U. of Maryland. **Address:** 3812 20th St., N. E., Washington, D. C. **Areas known first-hand:** eastern U. S.; Montreal and Toronto, Canada. **Major interests:** historical geog., economic geog. **Current research:** geographic factors influencing immigration into the public lands of the U. S., and factors influencing the alienation of those public lands. (A)

FAIGLE, ERIC H. Syracuse U., B. S., 1928, M. S., 1929; U. of Michigan, Ph. D., 1935. Assoc. Dean, Coll. of Liberal Arts, Prof. of Geog., Syracuse U., Syracuse, N. Y. **Areas known first-hand:** N. Y. State; Canada. **Major interests:** N. Y. State; Canada. **Current research:** same.

FAIRCHILD, JOHNSON E. Clark U., M.A. Head, Div. of Soc. Philos., Chm. Cooper Union Forum. **Address:** 441 E. 20th St., New York 10, N. Y. **Past positions:** Instr. in Geog., Hunter Coll.; research analyst, N. Y. Office Military Intelligence; Capt. U. S. A. A. F.; dean, Hunter Veterans Coll. **Areas known first-hand:** Hawaii, Alaska, Syria, Palestine, Martinique, Haiti, St. Lucia, Iran, China, India, Burma, Tasmania.

FAIRCHILD, WILMA B. Scripps Coll., B. A., 1935; Clark U., M. A., 1937. Editor, Geographical Review, American Geographical Society of New York, Broadway at 156th St., New York 32, N. Y. **Past positions:**

Research Asst., Amer. Geographical Soc. **Areas known first-hand:** Western U S.; New England, eastern Canada; French West Indies; Mexico. **Major interests:** economic and human geog.; geographical bibliography.

FASS, ELEANOR. Clark U., M. A., 1944. **Address:** Ferry Hall, Lake Forest, Ill.

FAUSE, ASBJORN Pan American Airways System. **Address:** 1575 Odell St., New York 62, N. Y.

FELLAND, NORDIS St. Olaf Coll., Northfield, Minn., B. A., 1923. Librarian, American Geographical Society, Broadway at 156th St., N. Y. 32, N. Y. **Past positions:** High School Teacher. **Areas known first-hand:** U. S., S. Canada, western and northern Europe. **Major interests:** geographical bibliography.

FERNALD, MERRITT L. Emeritus Fisher Prof. of Natural History and former Dir. Gray Herbarium, Harvard U., Cambridge, Mass. **Address:** 14 Hawthorn St., Cambridge, Mass. (*)

FERNANDEZ, LAURA S. **Address:** 9128 86th Road, Woodhaven 21, New York.

FIELD, THOMAS P. **Address:** Asst. Prof., Dept. of Geog., U. of Kentucky, Lexington, Ky.

FIELD, WILLIAM O., JR. American Geographical Soc., Broadway at 156th St., N. Y. 32, N. Y. **Address:** 18 West 12th Street., New York 11, N. Y.

FINCH, VERNOR C. U. of Wisconsin, Ph. D., 1916. **Position:** Prof. of Geog., Science Hall, U. of Wisconsin, Madison 6, Wis. **Past positions:** U. S. Shipping Board. **Areas known first-hand:** Great Lakes region. **Major interests:** Anglo-America, agricultural geog. **Current research:** incidental to teaching.

FINLEY, JACK ROWLAND LaCrosse Coll., B. S., 1943; Northwestern U., M. A., 1947. Instr., Dept. of Geog., U. of Denver, Denver, Colo. **Past positions:** Instr., La Crosse Coll.; Counsellor, Northwestern U. **Areas known first-hand:** Great Lakes area, Mountain States, England, West Europe, especially Germany, N. Africa, Mexico and Canada. **Major interests:** Europe, N. America, urban and settlement. **Current Research:** geographic aspects of the Milwaukee Railroad, analysis of selected cities in the U. S. and their evaluation through the use of a fractional code classification.

FINNEY, JOHN C. Ball State Teachers Coll., B. S., 1943, M. A., 1947. Instr., Anderson Senior High School. **Address:** 2920 Columbus Ave., Anderson, Ind. **Areas known first-hand:** western, southern and New England states. **Major interests:** climatology, economic and political geog., conservation. **Current research:** conservation in Madison County, Ind.

FINNEY, MILDRED S. U. of Illinois, A. M., 1940. **Address:** U. of Illinois at Navy Pier, Chicago or 3312 Harvey Ave., Berwyn, Ill. (*)

FISCHER, ERIC U. of Vienna, Austria, Ph. D., 1921. Visiting Lecturer, Sr. Research Geographer, Virginia Geographic Institute, U. of Virginia, Charlottesville, Va. **Past positions:** Prof., Vienna; Bard Coll., Annandale-on-Hudson; Office of Strategic Services, Department of State. **Areas known first-hand:** Austria, Palestine, Bulgaria, Spitzbergen, Czechoslovakia, Hungary, Italy, Turkey, Greece, Egypt, Libya, Switzerland, Germany, Norway. **Major interests:** political geog.; geomorphology; Mediterranean countries. **Current research:** political geog. of dependent areas; Near East; dictionary of geographical terms.

FISH, OLIVE C. Western Reserve U., A. B., 1917; U. of Wisconsin, M. A. 1923, Ph. D., 1927. Prof., State Teachers Coll., Cortland, N. Y. **Address:** 2 Calvert St., Cortland, N. Y. **Past positions:** Public Schools, Cleveland, Ohio; Mac Murray Coll. for Women, Jacksonville, Ill. **Areas known first-hand:** Rocky Mts., Europe, Mexico, Canada. **Major interests:** teaching of geog.; climatology; Europe, Asia.

FITE, ROBERT C. Central State Coll., Okla., A. B., 1937; Okla. A. & M. Coll., M. S., 1947. Asst. Prof., Dept. Geog., Okla. A. & M. Coll., Stillwater, Okla. **Areas known first-hand:** Okla., S. Wis., Pacific Islands. **Major interests:** climatology, a geographical interpretation of the economic and social problems of the Great Plains. **Current research:** speculative character of wheat farming on the Great Plains.

FITTON, EDITH M. Smith Coll., A. B., Clark U., M. A. Chief, Case Re-

search Sect., Div. of Geog., U. S. Dept. of Interior. **Address:** 3601 Connecticut Ave., Apt. 816, Washington 8, D. C. **Past positions:** Secretary and Research Asst., Scripps Foundation for Research in Population Problems, Miami U.; Asst., Div. of Maps, Library of Congress. **Areas known first-hand:** Paris, London, western Europe; Canada, eastern and western; Newfoundland, Labrador. U. S. **Major interests:** geographic place names; maps; physiography. **Current research:** geographic place names.

FLEMING, ROBERT M. **Address:** 2162 Florida Ave. N. W., Washington, D. C.

FLEMINGTON, ADAH E. U. of North Dakota, B. A., 1917; U. of Chicago, M. A., 1940. Teacher, New Trier Township High School, Winnetka, Ill. **Address:** 2219 Maple Ave., Evanston, Ill. **Past positions:** public schools, Iowa, Minnesota, S. Dakota; exchange teacher, Girls' Grammar School, Hitchen Herts, England. **Areas known first-hand:** U. S., Canada, western Europe. **Major interests:** U. S. and Canada.

FLETCHER, LYLE R. Ohio U., A. B., 1931; Ohio State U., M. A., 1932. Asst. Prof., Bowling Green State U. **Address:** 324 Wallace Ave., Bowling Green, Ohio. **Past positions:** Climatologist, U. S. Weather Bureau. **Areas known first-hand:** U. S. **Major interests:** climatology. **Current research:** comparative climatology of the U. S.

FLETCHER, MERNA I. Colorado State Coll. of Ed., Greeley, B. A., 1931; Columbia U., M. A., 1932. Asst. Prof., Geog. Dept., Room 104 T-4, U. of Missouri, Columbia, Mo. **Past positions:** Asst. Prof., Iowa State Teachers Coll.; Arizona State Coll., Flagstaff; Oregon State Teachers Coll., Monmouth. **Areas known first-hand:** U. S. **Major interests:** economic geog., Latin America, U.S.S.R. **Current research:** soy-bean production and utilization.

FLIERL, HOWARD H. **Address:** Dept. of Social Studies, NYS College for Teachers, Albany, N. Y.

FONTAINE, MARY ELIZABETH. **Address:** Dept. of Geog. and Geol., U. of Georgia, Athens, Georgia. (*)

FOSCUE, EDWIN J. Southern Methodist U., B. A., 1922; U. of Chicago, S. M., 1925; Clark U., Ph. D., 1931. Prof., Chairman, Dept. of Geog., Southern Methodist University, Dallas 5, Texas. **Areas known first-hand:** Texas and New Mexico Michigan, Wisconsin; Connecticut Valley; American tropics; southern Appalachians; Colorado Rockies; Pacific Northwest; Mexico; northwestern Europe. **Major interests:** U. S.; Latin America; regional geog. **Current research:** Estes Park Area of northern Colorado; Texas Gulf Coast region.

FOSTER, ALICE U. of Iowa, A. B., 1918; U. of Chicago, S. M., 1921; Ph. D., 1936. Rosenwald Hall, U. of Chicago, Chicago 37, Ill. **Past positions:** Asst. Prof. of Teaching, Iowa State Teachers Coll.; Asst. Prof. Geog., Mount Holyoke Coll.; U. of Chicago Laboratory Schools. **Areas known first-hand:** Mexico; Spain; west coast of South America. **Major interests:** economic and commercial geog.; regional, Spain and Spanish America.

FOSTER, DEMETRA AETON (Mrs. Fred Foster) Wilson Teachers Coll., B. S., 1942. **Address:** Dept. of Geog., U. of Illinois, Urbana, Ill. **Past positions:** Office of Strategic services. (*)

FOSTER, FRED W. U. of Michigan, A. B., 1932, M. S., 1934, Ph. D., 1940. Assoc. Prof., Dept. of Geog., U. of Illinois, Urbana, Ill. **Past positions:** Instr. Geol. and Geog., Flint Jr. Coll.; Teaching Fellow, U. of Michigan; Geog., Office of Strategic Services. **Areas known first-hand:** England Scotland, France, Germany. **Major interests:** cartography; land use; Europe. **Current research:** development of the road pattern of Mich.

FOWLER, BEVERLY Student, Syracuse U. **Address:** 903 University Avenue, Syracuse 10, N. Y. (A) (*)

FOWLER, ZEDNA B. Ohio U., B. S. in Ed., 1936, M. Ed., 1938. Teacher of Geog., Girard High School. **Address:** Box 30, Rt. 4, Quaker City, Ohio. **Past positions:** Instr. of Geog., Barnesville Jr. H. S.; Instr. of Science, Belmont H. S. **Areas known first hand:** Middle West and eastern U. S.; central and eastern Canada. **Major interests:** relation of science and geog. as taught in the Jr. and Sr. high schools; better geog. pictures.

FRANDSON, PHILLIP E. Instr. Dept. of Geog., U. of Nebraska, Lincoln, Neb. (A)

FRANK, ARNOLD R. Statistician, U. S. Naval Ordnance Laboratory. **Address:** Temple Gardens Apts., Baltimore 14, Md. **Areas known first-hand:** U. S., Middle Atlantic area. **Major interests:** human geog.

FREEMAN, OTIS W. Albion Coll., A. B., 1910; U. of Michigan, M. S., 1913; Clark U., Ph. D., 1929. Prof. of Geog. and Head Dept. of Physical Science. **Address:** Eastern Washington State College, Cheney, Wash. **Past positions:** H. S. Teacher and Principal, Michigan, Montana, and California; Instr. of Physiography and Geol., Northwestern U.; Acting Prof. of Geog., Indiana U.; Acting State Geologist of Indiana; Visiting Prof. of Geol., Geog., U. of Hawaii; Specialist for Geog. in Higher Ed., U. S. Office of Education. **Areas known first-hand:** Pacific N. W., Hawaii, New Zealand and Australia; Alaska. **Major interests:** regional geog. of the Pacific Ocean; geog. of the Pacific Northwest and Alaska; strategic minerals. **Current research:** textbook on the geography of the Pacific.

FREEMAN, THOMAS W. Leeds U., B. A., Honors Geog., 1930, M. A., 1932; Dublin U., M. A., 1938. Reader in Geog. (Head of Dept.) Dublin U. **Address:** Dept. of Geog., Trinity College, U. of Dublin, Dublin, Ireland. **Past positions:** U. Asst. in Geog., Edinburgh U., Geographer to N.I.D. (5) Cambridge. **Areas known first-hand:** Ireland, Scotland, S. Wales, England; various parts of continental Europe, including Scandinavia. **Major interests:** Ireland; the Far East, esp. China; social geog., esp. population problems. **Current research:** local studies in Ireland; the historical geog. of Ireland, circa 1841.

FREY, JOHN W. Director, Div. of Marketing, Am. Petroleum Institute, 1625 K St. NW, Washington D. C. **Address:** 4236 47th St., N. W., Washington 16, D. C.

FRIESWYK, HENRY Clark U., A. B., 1942. U. S. Government. **Address:** 2809 Naylor Rd., S. E., Washington 20, D. C. **Past positions:** Cartographer, Office of Strategic Services; Cartographer, Dept. of State. **Areas known first-hand:** New England, W. Europe. **Major interests:** cartography, physiography, aerial photography.

FRIIS, HERMAN R. U.C.L.A., B. A., 1931; U. of California, M. A., 1934. Asst. Chief, Div. of Cartographic Records, The National Archives, Washington, D. C. **Past positions:** Office of Strategic Services, China. Lecturer, Dept. Geog., Catholic U. **Areas known first-hand:** Japan, India, China, Canada, Arabia. **Major interests:** Arctic, history of scientific exploration and geog. information; N. A. and China, historical geog. and cartography; **Current research:** urban geog. in India and China; historical geog. of U. S.; scientific exporation in the Arctic.

FRIZZELL, MARY. **Address:** David Lipscomb College, Nashville 4, Tenn. (A) (*)

FROST, REUEL B. U. of Oklahoma, A. B. 1925; U. of Wisconsin, Ph. M., 1929, Ph. D., 1933. Assoc. Prof., Oberlin Coll. **Address:** 103 Forest St., Oberlin, Ohio. **Past positions:** Grad. Asst., U. of Wisconsin; Instr., Asst. Prof., Assoc. Prof., at Oberlin Coll. **Areas known first-hand:** Ohio, Lower Great Lakes Region, N. A. generally. **Major interests:** regional geog. and conservation. **Current research:** Swiss cheese industry of Ohio, Cultural pattern of northern Ohio, and Ohio River waterway.

FULLER, R. BUCKMINSTER **Address:** 6 Burns St., Forest Hills, New York, N. Y. (A) (*)

GAJDA, ROMAN **Address:** 59 Roseberry Ave., Ottawa, Ontario, Canada. (*)

GALVIN, JOHN P. U. of Wash., B. A., 1943. U. S. Government. **Address:** 2815 31st St., S. E., Apt. 517, Washington 20, D. C. **Past positions:** U. S. Dept. of Interior, Bur. of Land Management (Alaska Branch); U. S. Navy. **Areas known first-hand:** Hawaiian Islands, Japan, New Hebrides Is. **Major interests:** economic geog., cartography. **Current research:** economic geog. of Alaska, new cartographic methods. (A)

GARLAND, JOHN H. U. of Chicago, Ph. B., 1928, M. S., 1929, Ph. D., 1940. Assoc. Prof., Dept. of Geog., 248 Natural History Bldg., U. of Illinois, Urbana, Ill. **Past positions:** Instr. in Geog., Ohio State U.; Instr., School of Business, Washington State Coll.; Asst. Prof., Western Reserve Univ., **Areas known**

first-hand: Columbia Plateau, Middle Rocky Mts., Great Lakes, Minn., Mich., Wis., Ohio, Ohio Valley, Corn Belt, Pa., N. Y. British Isles. **Major interests:** regional geog. of Anglo-America; field techniques; political geog. **Current research:** regional geog. of the Middle West.

GARRELS, AGNES F. George Washington U., A. B., 1927, M. A., 1932. Asst. Prof., Social Science, Wilson Teachers Coll., Washington, D. C. **Address:** 1629 Columbia Rd., N. W., Washington 9, D. C. **Past positions:** Supervisor Elem. Instr.; Visual Instruction Teach.; Elem. Grade Teach., Washington, D. C. **Areas known first-hand:** New England and British Isles. **Major interests:** education in geog. (A)

GARRISON, ARNOLD Harvard U., A. B., 1948. **Address:** 181 Pine Ridge Rd., Waban 68, Mass. (A)

GARRISON, DOROTHA J. U. of Michigan, A. B.,1939, M. A., 1940. Curator of Maps, Geog. Dept., U. of Michigan. **Permanent address:** Tecumseh, Mich. **Past position:** Office of Strategic Services. **Areas known first-hand:** Near East and New Mexico.

GARRISON, WILLIAM LOUIS George Peabody Coll., B. S., 1946, M. A., 1947. Grad. Instr., Dept. of Geog., Northwestern U., Evanston, Ill. **Past positions:** meteorologist, USAAF; Grad. Asst., Peabody Coll. **Areas known first-hand:** S. E. United States; Pacific N. W.; Alaska; Wisc., Mich. **Major interests:** weather and climate, human geog., N. A. **Current research:** dissertation, urban geog.

GASPARD, RICHARD E. **Address:** 6700 Lake St., Apt 101, Falls Church, Va.

GEHRKE, WILLIS T. Valparaiso U., B. A., 1939; Oshkosh Teachers Coll., B.S., 1940; U. of Chicago, M.S., 1942; U. S. Government. **Past positions:** Asst. Prof. of Geog., Dept. of Geog., U. of Florida, Gainesville, Fla., Asst. Instr., U. of Mo.; Research Analyst, Office of Strategic Services; Editorial Analyst, Assoc. of Amer. Railroads. **Areas known first-hand:** Midwest, southeast U. S. **Major interests:** transportation geog., climatology, Far East. **Current research:** freight traffic geog. of the Seaboard Air Line Railroad (dissertation), geog. of Negroes in the U. S.

GEIGER, HAROLD L. **Address:** 1453 Rosemont Ave., Chicago, Ill.

GENSLER, ROBERT E. State Teachers Coll., Shippensburg, Pa., B. S., 1939; Ohio State U., M. A., 1948, Penn State College. **Address:** 510 Fifth St., Juniata, Altoona, Pa. **Past positions:** H. S. Geog.; U. Mississippi, Meteorology Instr., Naval ROTC. **Areas known first-hand:** U. S., E. Canada, Mediterranean. **Major interests:** ocean transportation and port developments; industrial geog.

GENTILCORE, R. LOUIS U. of Toronto, B. A., 1947. Grad. Research Asst. **Address:** Dept. of Geog., U. of Maryland, College Park, Md. **Current research:** Atlas of Agricultural and Mineral Resources. (A)

GEPPERT, OTTO E., Secretary-Treasurer, General Manager, Denoyer-Geppert Co. **Address:** 5235 Ravenswood Ave., Chicago 40, Ill. **Past positions:** Advertising and Sales Manager, A. J. Nystrom Co. **Areas known first-hand:** U. S., western Europe. **Major interests:** education maps and globes, travel; color photography.

GERHARDT, A. E. Wayne U., A.B., 1934; A.M., 1939. Instr., Northwestern High School, 6300 Grand River Ave., Detroit 8, Mich. **Past positions:** Instr., Tappan Intermediate School, Detroit; Instr., Northern High School, Detroit; Asst. Dir. of Engineering Unit, Army Map Service, Lake Survey Branch; Instr., Wayne U. **Areas known first-hand:** Michigan, U. S. Corn Belt, and Middle Atlantic States. **Major interests:** soils, rural land use, regional geog. of N. A.

GERLACH, ARCH C. San Diego State Coll., B. A., 1933; U. of California at L. A., M. A., 1935; U. of Washington, Ph. D., 1943. Assoc. Prof. of Geog., U. of Wisconsin. **Address:** 650 Crandall St., Madison 5, Wis. **Past positions:** Acting Chief, Map Div., U. S. Dept. of State; Cartographer and Geographer, Office of Strategic Services; Geographer, Los Angeles City College. **Areas known first-hand:** U. S.; Baja California. **Major interests:** resource conservation in regional planning; urban geog.; physical geog. **Current research:** urban geog. of Wisconsin (under U. Research Grant); survey of regional planning by Federal agencies in the U. S.

GERLACH, ARLENE M. (Mrs. Arch Gerlach) San Diego Coll., B. A., 1933. **Address:** 650 Crandell St., Madison 5, Wis. **Past positions:** Div. of Map Intelligence and Cartography, Dept. of State; Office of Strategic Services; Grad. Reader, U. of Washington; Teacher, San Diego City Schools.

GHOSH, SUPRAKAS U. of Calcutta, India, B.A., 1942, M.A., 1944, Indiana U. Economist, United Nations Food and Agriculture Organization. **Address:** 2700 Q St. N.W., Washington 7, D. C. **Past positions:** Technical Asst., Development Dept., Lyndon Mining Corp., India; Asst. Geographer, Land Utilization Survey, Bengal, U. of Calcutta; Asst. in Geog., Indiana U., Bloomington, Ind. **Areas known first-hand:** India; Pakistan; Egypt; U. S. **Major interests:** economic geog.; military geog.; regional planning. **Current research:** geographical climatology; economic geog.; agricultural economics and statistics.

GIBSON, J. SULLIVAN. Abilene Christian Coll., A. B., 1926; U. of Wisconsin, Ph. M., 1929; Clark U., Ph. D., 1934. Assoc. Prof. of Geog., U. of North Carolina, Chapel Hill, N. C. **Past positions:** TVA; State Teachers Coll., Livingston, Ala.; U. of Wisconsin. **Areas known first-hand:** N. A., southern U. S. in particular. **Major interests:** regional geog. of the South; climatology.

GIBSON, LYLE E. State Teachers Coll., Platteville, Wisc., B. Ed., 1935; U. of Wisconsin, Ph. M., 1943; U. of Iowa, Ph. D., 1947. Asst. Prof. Geog., San Francisco State College, 124 Buchannan St., San Francisco, Calif. **Past positions:** Instr., U. of Iowa. **Areas known first-hand:** No. America. **Major interests:** regional and economic geog. **Current research:** California agriculture.

GIERHART, JOHN W. **Address:** 120 24th Place, E., Eugene, Oregon.

GILBERT, EDMUND W. Hertford Coll., Oxford U., B. A., 1922, M. A., 1926, B. Litt., 1928. Reader in Human Geog., U. of Oxford; Lecturer in Geog., Hertford Coll., Oxford U. **Address:** School of Geog., Hertford Coll., Oxford U., Mansfield Road, Oxford, England. **Past positions:** Jr. Lecturer in Geog., Bedford Coll., U. of London; Lecturer in Historical Geog., U. of Reading; Research Lecturer in Human Geog., U. of Oxford. **Areas known first-hand:** Europe; esp. Balearic Islands and Spain. **Major interests:** social geog., especially urban geog.; regionalism and problems of administrative geog., historical geog. **Current research:** administrative boundaries in England, English towns.

GILFILIAN, GORDON ALLISON Student, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Past position:** Lt., U. S. Navy (Air Arm) **Areas known first-hand:** Pacific N. W.; Islands of S. W. Pacific. **Major interests:** military geog., tropical land use. (A)

GILLMAN, RAY W. **Address:** Box 391, Canal Fulton, Ohio. (A) (*)

GINSBURG, NORTON S. U. of Chicago, B.A., 1941, M.A., 1947, Ph.D., 1949. **Past positions:** Army Map Service; military service, U. S. Navy; Dept. of State, Instr., Dept. of Geog., U. of Chicago, Chicago 37, Ill. **Areas known first-hand:** China, Manchuria, Japan. **Major interests:** Far East, social science methodology, urban geog. **Current research:** Japanese shipping; political geog.; Manchurian economy.

GLASGOW, JAMES H. Illinois State Normal U., B. Ed., 1928; Clark U., M. A., 1929; U. of Chicago, Ph. D., 1939. Head of Dept., Michigan State Normal Coll., Ypsilanti, Mich. **Past positions:** Head of Dept. of Geol. and Geog., Central YMCA Coll., (now Roosevelt Coll.), Chicago; Asst. Prof. Western Mich. Coll., Kalamazoo; **Areas known first-hand:** Great Lakes Region, Eastern U. S. and E. Canada. **Major interests:** geog. in education and introductory geography. **Current research:** geography of Michigan.

GLEASON, HENRY ALLAN U. of Illinois, B. S., 1901, M. A., 1904; Columbia U., Ph. D., 1906. Chief Research Assoc., New York Botanical Garden, New York 58, N. Y. **Past positions:** Instr., Assoc. Prof., U. of Illinois; Asst. Prof., Assoc. Prof., U. of Michigan; Director Biological Station, U. of Michigan; Asst. Dir. (and other titles), New York Botanical Garden. **Major interests:** plant geog.; taxonomy. **Current research:** taxonomy.

GLENDINNING, ROBERT M. U. of Michigan, A. B., 1927, M. A., 1930, Ph.D., 1933. Professor, Dept. of Geog., U. of California, Los Angeles

24, Calif. **Past positions:** Instr. U. of Michigan; Assoc. Geog., TVA. **Areas known first-hand:** Great Lakes area; Quebec-Lake St. Jean, Canada; Tenn. Basin; Basin and Range; Colorado Plateau; southern California, coastal and interior. **Major interests:** southwestern desert of U. S.; physical geog., regional and systematic; land inventory, land planning. **Current research:** S. W. desert area (U. S.).

GODFREY, FRANCIS E. U. S. Government. **Address:** 3525 Dent Pl., N. W., Washington 7, D. C. **Past positions:** Office of Naval Intelligence. **Major interests:** maps and geographic photographs, motion pictures. (A)

GOEBEL, ANNE M. Kansas State Teachers Coll., B. S., 1924; U. of Chicago, M. S., 1931. Assoc. Prof., Depts. of Education and Social Science., Kansas State Teachers Coll., Emporia, Kansas. **Past positions:** Grade Schools of Kansas; Kansas State Teachers Coll.; Army Map Service. **Areas known first-hand:** Kansas, New Zealand, Australia, Canada. **Major interests:** geog. of Kansas. **Current Research:** supplementary reader on Australia for grade school level.

GOLDMAN, Mrs. ROSALIE LIPSKY **Address:** 1720 First St., N. W., Washington, D. C. **Past position:** Board on Geographic names. (A) (*)

GOODMAN, ALFRED F. **Address:** 25 Arnold Place, Penthouse, Dayton, Ohio. (A) (*)

GOODMAN, ROBERT J. U. of Chicago, B. S., 1940, M. S., 1941; Northwestern U., Ph. D., 1948. Asst. Prof., Dept. of Geog., Wayne U., Detroit 1, Mich. **Past positions:** Map Library, U. of Chicago; Chief, Map Compilation Division, Army Map Service, Chicago; U. S. Army, Office of Strategic Services, State Dept. and War Dept. **Areas known first-hand:** W. Europe, Eastern U. S., Middle West. **Major interests:** settlement geog., Europe, conservation. **Current research:** settlement patterns of the French Alps; lumber industry of the South.

GOTTMANN, I. JEAN Sorbonne, Dipl. Et. Sup., 1934; Lic. es Litt., 1936. Charge de Recherche, CNRS (Paris); Maitre de Conference, Institute d'Etudes Politiques (Paris). France. **Past positions:** Assistant, Institute de Geog., Paris; Member Institute for Advanced Study, Princeton; Instr., Princeton; Lecturer, Asst. Prof., Assoc. Prof., Johns Hopkins U.; Rapporteur on National Plan, French Ministry National Economy, Paris; Chief of Studies and Research, U. N. Dept. of Social Affairs, Lake Success. **Areas known first-hand:** France; Palestine, Italy, England, Belgium, Netherlands, Switzerland, Scandinavian countries, West Indies, Spain, Portugal, Venezuela, Colombia, Canada, eastern U. S. **Major interests:** Western and Mediterranean Europe; N. A.; general economic geog. **Current research:** trends and factors in recent changes in economic geog.

GOULD, LAURENCE M. U. of Michigan, B. S., 1921, M. A., 1923, D. S., 1925; Brooklyn Polytechnic Inst. D. Sc. (Honorary), 1931; Coe. LL.D., 1945; Macalester, Ll. D., 1946. President, Carleton College, Northfield, Minn. **Past positions:** Instr., Asst. Prof., Assoc. Prof. of Geol., U. of Mich.; Prof. of Geol. and Geog., Carleton Coll. **Areas known first-hand:** Greenland, Baffin Island, Antarctica, Scotland, Caucasus Mts. to Novaya Zemlya. **Major interests:** geology and geography of the Polar Regions. **Current research:** glacial geology of the upper Mississippi region.

GRANIMS, NORMAN. U. S. Government. **Address:** 2 S. Plateau Pl., Greenbelt, Md. **Major interests:** Asia, U.S.S.R. (A)

GRANT, ALAN F. **Address:** 5008 Calaveras Avenue, Oakland 19, California. (A)

GRAY, AELRED J. U. of Michigan, A. B., 1933; Syracuse U., M. A., 1937. Chief Community Planner, TVA. **Address:** 512 Arnstein Building, Knoxville, Tenn. **Past positions:** Instr., Syracuse U.; Planning Technician, Alabama State Planning Bd. **Areas known first-hand:** Tennessee Valley Region. **Major interests:** urban development problems; regional development problems. **Current research:** planning and development of urban communities.

GREENBERG, ISIDORE **Address:** 1245 Eastern Parkway, Brooklyn 13, N. Y. (A)

GREENHOE, VIVIAN S. Central Mich. Coll. A. B., 1927; U. of Chicago, S. M., 1939. Instr. and Chairman of Social Studies Dept., High School, Manistee, Mich. **Address:** 411 First St., Manistee, Mich. **Past positions:** prin. county normal training schools, 14 years. **Areas known first-hand:** U. S. and E. Canada. **Major interests:** Europe and economic geog.

GREGOR, HOWARD F. U. of Wisconsin, B. S., 1946, M. S., 1947. Teaching Asst., Dept. of Geog., Royce Hall, U. of California at Los Angeles 24, Calif. **Areas known first-hand:** Wisc., S. Calif. **Major interests:** geomorphology, agricultural geog. **Current research:** land utilization on the Oxnard Plain (Ph. D. thesis).

GREGORY, HERBERT E. Emeritus Prof. of Geol., Yale U., and Emeritus Dir., Bishop Museum, Honolulu. **Address:** Bishop Museum, Honolulu, Hawaii (*)

GREGORY, WILLIAM M. Harvard U., S. B., 1904. Emeritus Prof. **Address:** 2458 Queenston Road, Cleveland 18, Ohio. **Past positions:** Head, Geog. Dept., Central and East Technical High Schools, Cleveland, Ohio; Head, Geog. Dept., Cleveland Teachers College; Western Reserve Grad. School; Michigan Geol. Survey; U. S. Geol. Survey. **Areas known first-hand:** Central Michigan, Northern Ohio. **Major interests:** industries, glacial geol., secondary school geog. **Current research:** skill in map use; Girdled Road; the geography of peace; Carl Haushofer. Historical Geog. of Cleveland.

GRIESS, PHYLLIS R. Smith Coll., A. B., 1922; U. of Nebraska, A. M., 1925; Pennsylvania State Coll., Ph. D., 1948. Ass't Prof., Div. of Geog. The Pennsylvania State Coll., State College, Pa. **Address:** 207 Locust Lane Apts., State College, Pa. **Past positions:** Asst. Instr., U. of Nebraska; Instr., Winthrop Coll. **Areas known first-hand:** U. S., S. Canada, and Mexico. **Major interests:** Latin-America. **Current research:** tin industry of Bolivia.

GRIFFIN, JAMES E. **Address:** 4166 Franklin St., Bellaire, Ohio.

GRIFFIN, JUDSON ROY U. of Illinois, Ph. D., 1931. Prof. and Head of Dept. Geol. and Geog. Western State College, Bowling Green, Ky. **Areas known first-hand:** Mich., Ind., Ill., Ky., and Montana. **Major interests:** physiography, mineral resources and meteorology. **Current research:** conservation and Kentucky climate.

GROOT, JOHAN J. U. of Amsterdam, M. A., 1945. Geologist, USGS. **Past positions:** Instr., U. of Amsterdam. Research Associate, Dept. of Geog. U. of Maryland College Park., Md. **Areas known first-hand:** The Netherlands; W. Europe. **Major interests:** geomorphology; geog. of Europe; desert geog.

GROSS, HERBERT H. U. of Chicago, Ph. B., 1929, M. A., 1934, Ph. D., 1948. Prof. of Geog., Concordia Teachers Coll., River Forest, Ill. **Past positions:** teacher and principal in Lutheran elementary schools; Concordia Teachers Coll. **Areas known first-hand:** River Forest-Oak Park, Ill.; St. Joseph-Benton Harbor, Mich. **Major interests:** geog. of education; educational geog. **Current research:** educational land use.

GROSVENOR, GILBERT H. Amherst Coll., A. B.. magna cum laude, 1897, M. A., 1901; and the following Honorary Degrees: Georgetown U., Ll. D., 1921; William and Mary, Ll. D., 1930; Lafayette Coll., Ll. D., 1938; Amherst Coll., Litt. D., 1926; U. of Maryland, Litt. D., 1938; U. of Miami, Litt. D., 1944; S. Dakota State School of Mines, Sc. D., 1935. Editor-in-Chief, National Geographic Magazine, and President, National Geographic Society, Sixteenth and M. Streets, N. W., Washington 6, D. C. **Past positions:** Englewood Academy. **Areas known first-hand:** Turkey; Russia and Siberia; China; Japan; Korea; Central and S. A.; Great Britain and Europe; U. S. and Canada. **Major interests:** geog., photog., ornithol. **Current research:** the following National Geographic Soc. Expeditions, 1948: Eclipse Expedition in May to sites in Burma, Siam, China, Korea, Japan, and the Aleutians; to Arnhem Land, northern Australia; Middle Atlantic Ridge, to collect samples of the ocean floor; expedition which discovered the nesting place of the Bristle-thighed Curlew in Alaska.

GUEFFROY, EDNA M. Illinois State Normal U., B. Ed., 1921; Clark U., M. A., 1927. Assoc. Prof. Illinois State Normal U., Normal, Ill. **Past positions:** public schools, Bloomington, Ill.; Instr., Southern Illinois State Teachers

Coll. **Area known first-hand:** Alaska, Hawaii, New Zealand, Central America. **Major interests:** Pacific Islands, Australia, New Zealand. **Current research:** historical geog. of New Zealand.

GUERNSEY, JACKSON E. Williams Coll., B. A., 1931; Columbia U., M. A., 1938; Clark U., Ph. D., 1941. U. S. Government. **Address:** 4644 30th Rd. South, Arlington, Va. **Past positions:** Instr., Wilkes-Barre Academy; Asst. Prof. Geog., STC, Fredonia, N. Y.; Instr. in Meteorology and Director of Meteorology Training, Randolph, Kelly and Hondo Army Air Fields, Texas; Map Div., Dept. of State. **Areas known first-hand:** Bermuda and Jamaica, BWI; Western China. **Major interests:** maps, climatology.

GULICK, LUTHER H., JR. **Address:** Dept. of Geog., U. of Chicago. Chicago 37, Ill. (A)

GUMMERUS, SVEN H. U. of Chicago, B. S., 1947. Geographer, Bur. of the Census. **Address:** 3458 Pennsylvania Ave., S. E., Washington 20, D. C. **Areas known first-hand:** Middle West, Tokyo, Manila, Admiralty Islands. **Major interests:** human geog. (A)

GUTHE, OTTO E. U. of Michigan, Ph. D., 1933. Chief, Div. of Map Intelligence and Cartography, U. S. Dept. of State, Washington, D. C. **Address:** 3245 Livingstone St., N. W., Washington, D. C. (*)

GUYOL, NATHANIEL B. **Address:** 147-51 Charter Road, Jamaica 2, N. Y. (*)

GWINN, OPAL Teachers College, Columbia U., M. A., 1945. **Address:** 1518 Grand Avenue, New Castle, Indiana. (A) (*)

HAAS, WILLIAM H. U. of Chicago, Ph. D., 1903. Prof. Emeritus, Northwestern U. **Address:** 1812 Hinman Ave., Evanston, Ill. **Past positions:** Northwestern U. **Areas known first-hand:** Latin America; Canada. **Current research:** Canada; minerals and economic development of S. A.

HAFSTAD, MRS. KATHERINE C. Northwestern U., B. S., 1926; Clark U., M. A., 1930. **Address:** 4532 Fairfield Drive, Bethesda 14, Md. **Areas known first-hand:** Europe. **Major interests:** Meteorology, climatology. (*)

HAGENSON, CLIFFORD U. of Illinois, B. Sc., 1939; U. of Wisconsin, Ph.M., 1946. Asst. Prof., Delta State Teachers Coll., Cleveland, Miss. **Past positions:** Soc. Studies Teacher, Rossville, Ill., Olive Br., Ill., Miami, Fla.; six years in business. **Areas known first-hand:** Midwest, the South. **Major interests:** physical geog., cultural geog.,econ. geog. **Current research:** Cultural trends, especially in agriculture of the Mississippi delta region.

HALE, WALTER C. U. of Toledo, B. Ed., 1948. **Address:** The Panama Canal, Cristobal, Canal Zone, c/o Schools Division. **Past positions:** Lab. Asst., Dept. of Geog., U. of Nebraska, Lincoln. Nebr, Lt. Cmdr., U.S.N.R. **Areas known first-hand:** Aleutian Isles, Philippines, New Guinea. **Current research:** Maumee Valley, Ohio. (A)

HALL, ARTHUR R. U. of Oklahoma, M. A., 1933; Duke U., Ph. D., History, 1948. Address: 706 Bonifant St., Silver Spring, Md. **Past positions:** U. S. Dept. of Agric., Soil Conservation Service; U. S. Dept. of State, Div. of Geog. and Cartography. **Areas known first-hand:** southeastern U. S. **Major interests:** political and historical geog.; land-use history and history of soil conservation techniques. **Current research:** history of soil erosion and conservation in the Southern Piedmont.

HALL, RICHARD N. Western State Teachers Coll., Kalamazoo, A. B., 1932; U. of Michigan, M. A., 1934. U. S. Board on Geographical names, Washington, D. C. **Address:** 5914 Wilmett Road, Bethesda, Md. **Areas known first-hand:** U. S., Mexico, Ontario. (*)

HALL, ROBERT B. Prof. of Geog., and Dir., Center for Japanese Studies, Dept. of Geog., U. of Michigan, Ann Arbor, Mich. Chairman, Board of Directors, Social Science Research Council, N. Y.

HALPERN, SAMUEL **Address:** 65 Galveston St., S. W., Washington 20, D. C. (A) (*)

HAMBURG, ERNESTINE A. Eastern Wash. Coll. of Ed., B. A., 1939; U. of Wash., M. A., 1943. U. S. Government. **Address:** 1316 New Hampshire Ave., N. W. Apt. 56, Washington, D. C. **Past positions:** Cartographer, Office of Strategic Ser-

vices, Washington, D. C., England and Germany; Cartographer, Dept. of State. **Areas known first-hand:** England, Scotland, Germany, France, Mexico, Canada, Pacific Coast of U. S. **Major interests:** cartology, cartography, regional geog. **Current research:** textbook cartography.

HAMILTON, JAMES F. Student, Indiana U. **Address:** 1109 East Wylie, Bloomington, Ind. (A)

HAMMEL, KENNETH W. Middlebury Coll., A. B., 1948. Grad. Student, Dept. of Geog., U. of Colorado. **Address:** 877 11th St., Boulder, Colo. **Areas known first-hand:** Central Kansas, Rocky Mt. area, Colorado. **Major interests:** conservation, political geog. (A)

HAMMOND, C. S. and Company. **Address:** 305 E. 63rd Street, New York 21, N. Y. (See advertisement)

HAMMOND, EDWIN H. U. of Wisconsin, M. A., 1940. **Address:** Dept. of Geog., U. of Wisconsin, Madison, Wisc. **Past positions:** Lecturer, U. of Calif.; Meteorological Officer, U. S. Navy; Geog. Reports Sec., Office of Strategic Services. **Current research:** landforms of a portion of Baja Calif. (Ph. D. dissertation, U. of Calif.)

HANKINS, GRACE C. Rutgers U., B. S., 1934; U. of Pennsylvania, M. S., 1941. Instr., State Teach. Coll., Newark 4, N. J. **Address:** 112 Lincoln St., Apt. 401, East Orange, N. J. **Past positions:** Prin., elem. sch., Camden, N. J.; Instr., State Teach Coll., Glassboro, N. J. **Areas known first-hand:** Mid-west and East. U. S. **Major interests:** teaching methods, econ. geog. **Current research:** methods course for in-service teachers.

HANLON, ELEANOR E. Syracuse U., B. A., 1936, M. A., 1938. Instr., Dept. of Geog., Syracuse U., Syracuse 10, N. Y. **Areas known first-hand:** New England, New York, Florida and southwestern U. S. **Major interests:** historical geog. of rural areas and climatology. **Current research:** historical geography of the Upper Susquehanna Valley, New York State. (Ph. D. dissertation).

HANSEN, AXEL E. **Address:** 2880 South Arbingdon, Arlington, Va. (A) (*)

HANSEN, WALTER. Nebraska Wesleyan, A. B., 1925; U. of Nebraska, A. M., 1927, Ph. D., 1934. Dir. Dept. Geog., N. Texas State Coll. **Address:** 1206 Egan St., Denton, Tex. **Past positions:** Instr., Oberlin Coll.; Prof., S. T. Coll., Conway, Ark.; Prof., S. T. Coll., Dickinson, N. D.; Prof., S. T. Coll., Minot, N. D. **Areas known first-hand:** Middle West, S. W. **Major interests:** economic geog., field geog. **Current research:** Centennial studies project, geographic problems of Denton County.

HANSON, EARL P. U. of Wisconsin, B. S. in Mechanical Engineering, 1922. Chairman, Dept. of Geog., U. of Delaware, 201 Haines St. Newark, Del. **Past positions:** Visiting lecturer and Research Assoc., U. of Maryland; exploration, field research, planning, geographic and economic analyses in Atacama Desert, Amazon Basin, Puerto Rico, Liberia, Sub-Arctic Canada, Iceland; Consultant on the tropics to O. Q. M. G., A. A. F., R. and D. B. **Areas known first-hand:** Atacama Desert; Sub-Arctic Canada; Iceland; Liberia; Puerto Rico; Amazon Basin; Andes of north S. A. **Major interests:** tropical adaptation; Amazon Basin; current developmental trends in the north and south. **Current research:** tropical adaptation; modern expansions toward the north and south; geography's problems in coping with such expansion.

HANSON, FRANCES M. U. of Chicago, A. B., 1939, M. S., 1941; U. of Pittsburgh, Ph. D., 1948. Asst. Prof., 1109 Cathedral of Learning, U. of Pittsburgh, Pittsburgh 13, Pa. **Past positions:** Teacher, elementary schools, Illinois; Asst. Prof., Florida State Coll.; Teacher, Junior H. S., Midland, Pa.; Teacher, Junior-Senior H. S., Westview, Pittsburgh, Pa. **Areas known first-hand:** Most of U. S. and southeastern Canada. **Major interests:** cartography, historical geog. of the U. S. and regional geog. of N. A. **Current research:** development of the Pacific Northwest since 1940.

HANSON, HERBERT C. Research Professor (Ecology) Dept of Biology, Catholic Univ. of America, Washington 17, D. C.

HANSON, RAUS M. Nebraska Wesleyan U., B. Sc., 1917; U. of Nebraska, M. A., 1927. Prof. of Geog., Madison Coll., Harrisonburg, Va. **Address:** 759 South Mason St., Harrisonburg, Va. **Past positions:** teacher, public schools in Nebr. **Areas**

known first-hand: Western U. S. and Virginia, British Isles, France. **Major interests:** climatology, principles of geog., economic geog. **Current research:** geog. of Virginia.

HARDING, GEORGE E. Fremont Coll., B. S., 1915, Ph. G., 1916; Nebraska Wesleyan U., A.B., 1924; U. of Nebraska, M. A., 1926. Head of Dept. Geog., Science & Mathematics, State Teachers Coll., California, Pa., **Past positions:** Public schools, college and university; present position, 21 yrs. **Areas known first-hand:** Prairie Plains of U. S., Pennsylvania. **Major interests:** economic geog., physiography, and geol.

HARPER, HELEN V. **Address:** 3846 Cathedral Ave., N. W., Washington, D. C. (A) (*)

HARPER, JAMES T. Colgate U., A. B., 1936; U. of Michigan, M. A. 1939. 3337 Broadway, Grove City, Ohio. **Past position:** U. of Michigan; Western Reserve Univ.; Ohio State Univ.

HARPER, ROLAND M. Geographer, Geological Survey of Alabama. **Address:** University, Ala.

HARRIS, BERTHA F. Maryland State Normal Sch., certificate. Student, George Washington U., Research Analyst (cartographic). **Address:** 1407 L St., N. W., Washington 5, D. C. **Past positions:** Engineering Aide (photogrammetric, cartographic research). **Major interests:** research; planning; instructing. **Current research:** research for world aeronautical charts, Air Force. (A)

HARRIS, CHAUNCY D. Brigham Young U., A. B., 1933; Oxford U., B. A., 1936, M. A., 1943; U. of Chicago, Ph. D., 1940. Prof., Dept. of Geog., U. of Chicago, Chicago 37, Ill. **Past positions:** Instr., Indiana U.; Asst. Prof., U. of Nebraska; Div. Asst., Sr. Div. Asst., Office of the Geographer, U. S. Dept. of State; Chief, Ports and Urban Studies Section, Far East Div., Office of Strategic Services. **Areas known first-hand:** British Isles, esp. London and Ipswick; Germany, esp. the Ruhr; France; other countries of western and central Europe; Middle west and western U. S. **Major interests:** Soviet Union; economic geog., esp. of manufacturing, urban geog. **Current research:** Soviet Union.

HARRIS, PHILLIP MARSHALL U. of Oklahoma, B. S., 1939; Northwestern U., M. S., 1941. Asst. Prof., Dept. of Geog., U. of Denver, Denver, Colo. **Past positions:** Instr. in Geol., Evanston Collegiate Inst., Evanston, Ill.; Fellow in Geog., U. of Chicago; Map Research Div., U. S. Army Engr. Intelligence, Army Map Service, (Capt.). **Areas known first-hand:** Japan, China, Korea, West Central U. S. **Major interests:** land utilization, cartography, regional geog. of U. S. and Asia. **Current research:** large-scale map of Colorado.

HARRIS, WILLIAM N. Ohio U., A. B., 1937; Ohio State U., M. A. Dept. of Geography, Ohio State University, Columbus 10, Ohio. **Past positions:** Asst. Prof., Geog. and Geol., U. of Toledo; Instr., Ohio State U. **Areas known first-hand:** Puerto Rico, Brazil, Trinidad, Scotland, England, W. Europe. **Major interests:** geomorphology, climatology, cartography. (*)

HARRISON, RICHARD E. Yale U., B. A., 1923, B. F. A., 1930. Independent Cartographer, and Lecturer in Cartography, Syracuse U. **Address:** 313 E. 51st. St., New York 22, N. Y. **Past positions:** Staff Cartographer, Fortune Magazine; Visiting Lecturer, Clark U., Carleton Coll., Va. Geographical Inst. **Areas known first-hand:** northeastern U. S.; Italy; Tunisia; Algeria; France. **Major interests:** cartography, perspective maps, graphic methods; political geog.

HART, JOHN FRASER Emory Coll., A. B., 1943. Dept of Geog., Univ. of Georgia, Athens, Ga. **Areas Known first-hand:** Southeast U. S., Pacific Basin. **Major interests:** Europe, political geog., Southeast U. S. **Current research:** hill sheep industry of Scotland.

HARTMAN, GEORGE W. U. of Iowa, B. S., M. A., 1941, Ph. D., 1947. Asst. Prof., Dept. of Geog., U. of Iowa, Iowa City, Iowa. **Areas known first-hand:** United States, Canada. **Major interests:** urban and economic geog., climatology. **Current research:** city structures.

HARTSHORNE, RICHARD Princeton U., B. S., 1920; U. of Chicago, Ph. D., 1924. Prof., Dept. of Geog., U. of Wisconsin, Madison 6, Wis. **Past positions:** Investigator, Chicago River Bridge Survey; Instr. to Assoc. Prof., U. of Minnesota; Chief,

Geog. Div., Member, Bd. of Analysts, Asst. Chief (Research Dir.), Br. of Research and Analysis, Office of Strategic Services. **Areas known first-hand:** German-Polish borderlands; Chicago; Northeastern U. S.; Minnesota-Wisconsin; Switzerland; Austria; England; Germany; Czechoslovakia. **Major interests:** political geog; Europe. **Current research:** political geog.

HARWOOD, ERNEST M., Jr. Clark U., A. B., 1932; Syracuse U., M. A., 1937. Geographical Research Analyst. **Address:** ATIS, GHQ, FEC, APO 500, c/o P. M. San Francisco, Calif. **Past positions:** Res. Asst., Woods Hole Oceanographic Inst., Woodshole, Mass.; Grad. Asst. in Geog., Syracuse U.; Observer Blue Hill Meteorological Observatory, Harvard U.; Teacher, Social Studies, Fairfield, Conn. H. S., Geographer, Topographic Branch, M.I.D., Dept. of Army. **Areas known first-hand:** N. E. United States, S. E. Canada, Italy, Japan. **Major interests:** military geog., esp. Orient and N. A.; climate; oceanography. **Current research:** island of Rebun Jima.

HATCHER, HALENE Murray State Coll., A. B., 1930; George Peabody Coll., M. A., 1932. Education Specialist for Geog. and Conservation, U. S. Office of Education, Federal Security Agency. **Address:** 4420 Klingle St., N. W., Washington 16, D. C. **Past positions:** Asst. Prof., Murray State Coll., Ky.; Cartographer, Office of Strategic Services; Instr., George Peabody Coll.; Teacher, Paducah, Ky. **Areas known first-hand:** much of U. S., southeastern Canada. **Major interests:** conservation; climate; methods and techniques for implementing more effective geog. programs in secondary schools. **Current research:** a series of bibliographies; conservation projects.

HAWK, O. J. U. of Nebraska, M. A. Science Teacher, Jr. High, Lincoln Public Schools, Lincoln, Nebr. **Address:** 2742 South 18 Street, Lincoln 2, Nebr. **Past positions:** 20 years service in above position. **Areas known first-hand:** The Great Plains. **Major interests:** physical geog., climatology.

HAWKES, H. BOWMAN Brigham Young U., A. B., 1940; Ohio State U., M. A., 1942, Ph. D., 1947. Assoc. Prof. and Head, Dept. of Geog., U. of Utah, Salt Lake City, Utah. **Past positions:** Instr., Ohio State U. **Areas known first-hand:** Europe; inter-mountain U.S. **Major interests:** climatology, esp. microclimatology; Europe; N. A., esp. Western U. S. **Current research:** mountain wind.

HAWKINS, TOM G. Austin Peay State Coll.; B. S., 1943; George Peabody Coll., M. A., 1947. Prof. of Social Science, Paducah Junior Coll., Paducah, Ky. **Past positions:** Student Instr., George Peabody Coll.; Instr. Florida State U. **Areas known first-hand:** Middle Tenn., western Ky. **Major interests:** conservation and resource use.

HAWS, NINA Wichita U., A. B., 1929; Columbia U., M. A., 1935. Principal, Riverside Elementary School Wichita, Kans. **Address:** 315 N. Lorraine, Wichita, Kans. **Past positions:** Wichita U., Fort Hays State Coll., Friends U., Wichita. (A)

HAWTHORNE, ARTHUR S. California (Pa.) State Teachers Coll., B. S. in Ed., 1938; U. of Pittsburgh, M. A., 1949. Lecturer in Geog., U. of Pittsburgh. **Address:** Geog. Dept. Westchester State Teachers College, Westchester, Pa. **Past positions:** Hanover, Pa. Public Schools; U. S. Navy, Epidemiology and Malariology. **Areas known first-hand:** Australia, East Indies, Philippines, Guam. **Major interests:** conservation, regional geog. **Current research:** rice culture of Samar, Philippines.

HAYS, CARL D. W. **Address:** 212 Sonoita Ave., Nogales, Arizona.

HAYS, ROBERT W. **Address:** 315 W. Foster Ave., State College, Pa. (A) (*)

HEAP, ALICE G. U. of Tennessee, B. A., 1924, M. A., 1929. Knoxville City Schools. **Address:** 516 Maynard Ave., Knoxville, Tenn. **Areas known first-hand:** most of U. S., England, Mexico, Central America. (A) (*)

HEATH, BARBARA. **Address:** 4960 MacArthur Blvd., Washington 7, D. C. (A)

HEATH, CHARLES O. Clark U., Ph. D. (Economics, Geog. minor) 1927. **Address:** Box 207, Drake U. Des Moines, Iowa. (A) (*)

HEATH, D. C. and Company. **Address:** 285 Columbus Avenue, Boston, Mass. (see advertisement)

HEFFELFINGER, CLARENCE E. Ursinus Coll., A. B., 1920; Columbia U. M. S., 1931. Assoc. Prof., of Economics and Business Admin., Centre Coll. of Kentucky, Danville, Ky. **Past positions:** Eastview Schools, Shenchow, Human, China; Washington and Jefferson College. **Areas known first-hand:** China (Yangtze Valley), Japan, India, Java, Egypt, France, England, central and western Pa., central Ky. **Major interests:** teaching geog., central China, Japan.

HEINTZELMAN, OLIVER H. Central Washington College of Education (Ellensburg), B. A., 1940; Univ. of Washington, M. A., 1947. Asst. Prof., Oregon State Soll, Corvallis, Ore. **Past positions:** Instr., Oregon Coll. of Ed., Monmouth. **Areas known first-hand:** Pacific Northwest, esp. S. W. Washington. **Major interests:** urban geog., cartography, U.S.S.R. **Current research:** Tillamook area on Oregon coast; maps for student use.

HEINZ, DORIS HANDWERK (Mrs. Robert L. Heinz). The Pennsylvania State Coll., B. A., 1947. Grad. Asst. **Address:** 1721 Elm St., Bethlehem, **Major interests:** regional geog. of polar regions, especially Antarcticia. **Current research:** assisting in work on Alaska for U. S. Government. (A)

HELLMAN, RUTH MYERS (Mrs. Irving H.). **Address:** 19 Fulton St., Redwood City, Calif. (A) (*)

HELLWEGE, WALTER E. U. of Nebraska A. B., 1931, M. A., 1942. **Position:** Assoc. Prof., Concordia Teachers College, Seward, Nebr. **Past positions:** 29 years at Concordia Teachers Coll. **Areas known first-hand:** Great Plains, Central Lowlands. **Major interests:** physiography, political Geog.

HENRICKSON, G. REX. U. of Michigan, B. A., 1946. Grad. Asst. U. of California at Los Angeles. **Address:** 3726 Harley Road, Toledo, 6, Ohio. **Areas known first-hand:** parts of U. S., Japan, Hawaii, and the Caribbean. **Major interests:** urban geog., South America and Lower Great Lakes Region. **Current research:** urban study of Bowling Green, Ohio. (M. A. thesis)

HENDRICKSON, HELGA Pennsylvania State Coll., M. S., 1936; Geog. teacher, 7th and 8th grades, 1923. **Address:** 924 East 29th St., Erie, Pa. (*)

HERMAN, THEODORE **Address:** 849 E. 89th St., Seattle 5, Washington. (A)

HERMANA, SISTER MARY U. of Wisconsin, M. S., 1946. **Address:** 1000 Edgewood Ave., Madison 5, Wisc.

HESS, CLARKE F. Clark U., M. A., 1948. Instr., Triple Cities College, Endicott, N. Y. **Areas known first-hand:** Brazil, southwestern England, N. France, Belgium, S. Netherlands, W. Germany. **Major interests:** climatology, political geog.

HETRA, GEORGE S. Edinboro (Pa.) State Teachers Coll., B. S., 1939; Pennsylvania State Coll., M. Ed., 1945. Instr., Sharon Public Schools, Sharon, Pa. **Past positions:** Farrell Public Schools, Farrell, Pa.; Corry Public Schools, Corry, Pa. **Areas known first-hand:** Gulf States, Caribbean Sea. northern S. A., Ohio and Pennsylvania. **Major interests:** economic and regional geog., teaching of geog. **Current research:** survey of geog. courses in Sharon school system.

HEWES, GORDON W. U. of California, Berkeley, A. B., 1938, Ph. D. (Anthropology). 1947, Asst. Prof. (Anthrop.) U. of S. Calif., Los Angeles. **Address:** 4131-A Buckingham Rd., Los Angeles 8, Cal. **Past positions:** U. of North Dakota; Office of Strategic Services, Board on Geographic Names. **Areas known first-hand:** Western N. A., S. Central and N. interior Mexico, Canada, S. England, N. France. **Major interests:** Archaeology, N. A., Korea; Historical Anthropology, N. A., NE Asia; Enthnogeography — A., NE Asia (esp. fisheries) **Current research:** archaeology Sheyenne R. area, N. Dak. anthropological maps —preparation small anthrop. atlas.

HEWES, LESLIE U. of Oklahoma, B. A., 1928; U. of California, Ph. D., 1940. Prof. of Geog. and Chairman, Dept. of Geog., U. of Nebraska, Lincoln, Nebr. **Past positions:** Teaching Fellow, U. of California; Instr. to Assoc. Prof. U. of Oklahoma. **Areas known first-hand:** Prairie Plains of U. S.; Western Ozarks; north western Mexico; Upper Great Lakes; northern California; Kentucky. **Major interests:** cultural geog.; regional geog., esp. Latin America, U. S.; economic geog.

Current research: Occupying the Wet Prairie of Central Iowa; distribution and number of Cherokees in Oklahoma Ozarks; occupance forms in Springfield Plain of Arkansas Ozarks, esp. of chief vineyard area.

HEWINS, JOHN S. U. of Michigan, A. B., 1948. Cartographer, Dept. of Geog., U. of Maryland. **Address:** 5307 Indian Lane, Branchville, Md. **Areas known first-hand:** lower Chesapeake Bay region. **Major interests:** cartography; physical geog. **Current research:** Atlas of the World's Resources. (A)

HICKMAN, ROY T. Ohio U., B. S. in Ed., 1926; Ohio State U., M. A., 1930. Instr., Dept. of Geog., U. of Maryland, College Park, Md. **Past positions:** Supt. of schools, Amesville, Ohio; Assoc. Prof. of Geog., Concord State Coll., Athens, W. Va. (now on leave). **Major interests:** economic geog., agricultural economics, physical geog.

HIGGINS, T. F. X. U. of Pittsburgh, B. A., 1947. Grad. Student, Dept. of Geog., Syracuse U., Syracuse, N. Y. **Areas known first-hand:** India, Burma, U. S., Western Europe. **Major interests:** petroleum and political geog.

HIGHSMITH, RICHARD M., Jr. U. of Washington, M. A., 1946. Asst. Prof,, Dept. of Geog., Oregon State College, Corvallis, Ore. **Past positions:** Officer of U. S. Marines; Teaching Fellow U. of Washington. **Areas known first-hand:** islands of Central and S. Pacific; S. Japan; N. China; Pacific slope of U. S. **Major interests:** Far and Middle East; Pacific Basin; area analysis emphasizing potentialities **Current research:** settlement patterns of the Upper Willamette Valley, present and potential (Ph. D. dissertation).

HILDEBRAND, PAULINE L. U. of Pittsburgh, B. S., 1931; M. Ed., 1936. Teacher, Calvin Coolidge High School, Washington, D. C. **Address:** 3945 Connecticut Ave., N. W., Washington 8, D. C.

HILL, GENEVA George Peabody Coll., B. S., 1928, M. A., 1931, M. Ed., 1943. Teacher in Cullman County, (Ala.) High School. **Address:** Box 318, Cullman, Ala. **Areas known first-hand:** eastern U. S. **Major interests:** economic geog., conservation.

HILLS, G. ANGUS. U. of Toronto, B. S. A., 1937, M. S. A., 1940. Chief Soil Scientist and Dir. of Land-Use Research, Ontario Dept. of Lands and Forests, Toronto. **Address:** General Delivery, Thornhill, Canada. **Past positions:** Senior Soil Surveyor Exper. Farms Service, Ottawa. **Areas known first-hand:** northern and southern Ontario and adjoining parts of Canada and U. S. **Major interests:** soil and crop geog.; methodology - applied to land classification and to problems of land use; regional geog. **Current research:** land utilization in northern Ontario; classification of land for agriculture and forestry.

HINZE, CLARA U. of California, B. L. **Position:** Asst. Prof., San Jose State Coll. **Address:** 231 S. 17th Street, San Jose 12, Calif. **Areas known first-hand:** California, Japan, Mexico. **Major interests:** teaching. (A)

HITCH, MARGARET A. U. of Chicago, B. S., 1923, M. S., 1924. Geog., General Staff, Dept. of the Army. **Address:** 1319 Delafield Place, N. W., Washington 11, D. C.

HITCHCOCK, CHARLES B. Columbia U., M. A. (Physiography), 1932. Asst. Dir., American Geographical Soc., Broadway at 156th St., New York 32, N. Y.

HOAGLAND, ADA MAY New York U., M. A., 1936. Geog. Teacher, 7th and 8th grades. High School, Chatham, N. J. **Areas known first-hand:** New Jersey, Delaware, Pennsylvania. **Major interests:** teaching Jr. High geog. and science, experimental education.

HOBBS, William H. Prof. Emeritus of Geol., U. of Mich. **Address:** 1005 Berkshire Road, Ann Arbor, Mich. (*)

HODGES, R. C. **Address:** 91 Queen Mary Dr., Oakville, Ontario, Canada. (A) (*)

HODGKINS, JORDAN ATWOOD U. of Kansas, A.B., 1947, M.A., 1949. Dept. of Geog., Syracuse Univ., Syracuse, N. Y. **Areas known first-hand:** Central Mass. West Pacific, N. E. Kansas, N. Alabama. **Major interests:** agricultural geog., economic geog. **Current research:** farm unit size and mechanization in eastern Kansas. (A)

HODGSON, ROBERT D. U. of Michigan, A. B., 1944, M. A., 1948. Teaching Fellow, Dept. of Geog., U. of Michigan, Ann Arbor, Mich. **Areas known first-hand:** West Pacific, Germany. **Major interests:** Europe, political and historical geog.

HODGSON, ROBERT W. U. of California, B. S., 1916, M. S., 1917. Prof. and Subtropical Horticulturist in the Experiment Station; Vice-Chairman, Dept. of Agric.; Asst. Dean, Coll. of Agric., U. of California, Los Angeles 24, Calif. **Past positions:** U. of California; Asst. Farm Adviser and Farm Adviser, Los Angeles County. **Areas known first-hand:** Subtropical U. S.; French North Africa; Near East; northwestern India; Orient. **Major interests:** subtropical and tropical horticulture; climatology and geog. of subtropical and tropical fruit industries. **Current research:** botanical and horticultural studies on the citrus fruits, avocado, Oriental persimmon, and loquat.

HOENIGFELD, ARLINE GERSON (Mrs. Steven F. Hoenigfeld). Hunter College, B.A., 1945; U. of Maryland, M.A., 1949. Research Librarian, American Geographical Society. **Address:** 500 W. 140 St., New York 31, N. Y. **Areas known first-hand:** U. S. **Major interests:** China. **Current research:** land utilization in the Yunnan Plateau and the Szechwan Basin.

HOFFMAN, GEORGE W. Welthandelshochschule, Vienna, Austria, B.A. and equivalent of M.A. Assistant Professor, University of Texas. **Past positions:** Editor, Central European Economic Magazine, Vienna, Austria; Research Analyst with Office of Strategic Services and the Dept. of State; Instr. Indiana U.; Teaching Fellow, Dept. of Geog., U. of Mich., Ann Arbor, Mich. **Areas known first-hand:** Europe, Near East. **Major interests:** political, historical and economic geog. **Current research:** Territorial changes in Central Europe, evaluation of materials recently collected in Western Europe incl. Germany.

HOFFMAN, LAWRENCE A. U. of Chicago, M.A., 1943; Ph.D., Johns Hopkins U., 1950. **Address:** Bowman School of Geography, Johns Hopkins U., Baltimore 18, Md. **Past positions:** Dept. of State.

HOFFMASTER, MARGERY JEAN. Mich. State Coll., B. A., 1948. Cartographer, Army Air Corps, Andrews Air Base, Washington, D. C. **Address:** 927 W. Ottawa St., Lansing 15, Mich. **Areas known first-hand:** Michigan, San Francisco, Mexico and Guatemala. **Major interests:** cartography, Latin America. (A)

HOFFMEISTER, HAROLD A. U. of Colorado, A. B., 1925; U. of Chicago, Ph. D., 1938. Prof. of Geog., U. of Colorado, Boulder, Colo. **Areas known first-hand:** U. S.; Canada; South and Central America. **Major interests:** arid land and mountain geog; S. A. **Current research:** sugar beet and beet sugar industry.

HOGUE, DONALD W. S. Illinois U., B. Ed., 1938; Northwestern U., M. A., 1947, U. C. L. A., Instr., U. of Wisconsin, U. Extension Div. **Address:** 272 S. Park Ave., Fond du Lac, Wisc. **Past positions:** Instr., San Bernardino Valley Coll., State Teachers Coll., Whitewater, Wisc. **Areas known first-hand:** U. S., Canada, sea duty (U. S. Navy) Caribbean Sea, Gulf of Mexico, Atlantic, Mediterranean Sea, Persian Gulf, Indian Ocean. **Major interests:** Anglo-America; Latin America; Australia, New Zealand, physical, economic and human geog. (A)

HOL J. B. L. State U. of Utrecht, Holland, D. Sc., 1916. Prof. in physical geog. and geomorphology, State U. of Utrecht; Director, Institute of Geog., U. of Utrecht. **Address:** Institute of Geography, Drift 21, Utrecht, Holland. **Past positions:** Asst. and Asst. Chief, Geographical Institute, U. of Utrecht; lecturer in geomorphology, Geographical Institute, U. of Utrecht; lecturer in geol. and physical geog. and geomorphology, R. K. Leergangen, Tilburg. **Areas known first-hand:** the Netherlands, Belgian and French Ardennes, Vosges. Black Forest, Harz, States Mts. of the Rhine, parts of Switzerland and Austria. **Major interests:** geomorphology of the Netherlands, valley-building. Karst problems. **Current research:** geomorphology of the Netherlands.

HOLZ, FRANK M. Asst. to President, Air Traffic and Service Corp, and Exec. Ed. of "Air Traffic Digest." **Address:** P. O. Box 562, Franklin Station, Washington 4, D. C. **Past positions:** Private aviation consultant and trade analyst; Chief, International Dept., Am. Aviation Publications; Economic Analyst and Acting Chief, Plans Sec., Aircraft Div., F. E. A.; Econ. Analyst, Air

Transport Div., F. E. A., Ed. Civil Aeronautics Bd.; Acting Chief, Map Inf. Unit, Cartographic Sec., Bd. of Econ. Warfare; Geogr. Inf., Econ. Intelligence Div. B. E. W., Cartographer, Bur. of the Budget; Cartographer-draftsman, Coast and Geodetic Survey. **Major interests:** Aviation and Air Transport, other transportation; Trade and Market Research; Political Geog., Strategic Intelligence; Central Europe, Hawaii and Polynesia, Canada; Human Ecology; U. S. Regional Cultures; Cartography and Photogrammetry.

HOOVER, JONAS W. Oberlin Coll., A. B., 1914; U. of Chicago, M. A., 1915. Asst. Prof. of Geog., Northwestern State Coll., Natchitoches, La. **Past positions:** San Francisco State Teachers Coll.; Arizona State Teachers Coll. **Areas known first-hand:** southwestern U. S., esp. Arizona. **Major interests:** geomorphology; ethnogeography-anthropogeography of the southwest. **Current research:** studies begun in the southwest in ethnogeography.

HORBALY, WILLIAM. Kent State U., S.B., U. of Chicago, A.M. **Address:** Dept. of Geog., University of Chicago, Chicago 37, Ill.

HOSHIDE, DORIS AISO. U. of California, Los Angeles, B. A., 1934. Geographer, Research Sec., Army Map Service. **Address:** 1319 S. Walter Reed Dr., Arlington, Va., Apt. 202. **Past positions:** Elementary School Teacher, Wyoming. **Areas known first-hand:** Los Angeles, Guadalupe, Calif.; Seattle, Wash.; Cleveland, Ohio; New England states. **Major interests:** urban geog.; geopolitics.

HOSHIDE, TOSHIO Geographer, Army Map Service. **Address:** 1319 S. Walter Reed Dr., Arlington, Va. **Past positions:** International Foreign Trade. **Areas known first-hand:** Pacific Coast, Rocky Mts., Great Lakes, eastern U. S.; southeastern Alaska; Vancouver; Japan. **Major interests:** regional students; mapping. (A)

HOUK, RICHARD J. Indiana U., A. B., 1941, M.A., 1942. Asst. Prof. De Paul U., Chicago, Ill. **Address:** De Paul Univ., 64 E. Lake St., Chicago, Ill. **Past positions:** Grad. Asst., Indiana U. **Areas known first-hand:** Costa Rica, Azores, Portugal, Southeast Canada, Mexico. **Major interests:** Europe, Latin America, economic geog. **Current research:** fishing industry of Portugal and the Azores.

HOUSE, JESSICA J. U. of Chicago, B. S., 1948. Research for The H. M. Gousha Co. Road Map Specialists. **Address:** 2048 The Alameda, San Jose 11, Calif. **Major interests:** city planning, climatology. (A)

HOWARTH MARGERY D. Wayne U., B. A., 1933; Clark U., M. A., 1934. Geographer, U. S. Bur. of the Census. **Address:** 3919 Pennsylvania Ave., S. E., Washington 20, D. C. **Past positions:** Teacher, Detroit Public Schools; U. S. Navy Hydrographic Office. **Areas known first-hand:** Michigan, e. and n. w. U. S., southern and eastern Canada, England. **Current research:** population problems, urban-rural classification.

HOWATSON, C. H. **Address:** Dept. of Geog. and Geol., Victoria College, Victoria, B. C.

HOY, HARRY E. U. of Nebraska, B. S., 1929, A. M., 1933, Ph. D., 1940. Assoc. Prof. and Chairman, Dept. of Geog., U. of Oklahoma. **Address:** 422 Park Drive, Norman, Okla. **Past positions:** Asst. Prof., Western Reserve U.; Assoc. and Asst. Prof., Michigan State Normal Coll.; Assoc. Field Technician, Rubber Development Corp., Iquitos, Peru; Cartographer, Office of Strategic Services; Asst. Instr., U. of Ill. **Areas known first-hand:** Great Plains; Amazon Basin; Mexican Plateau. **Major interests:** Latin America; Southern Great Plains; cartography. **Current research:** Southern Great Plains.

HU, CHARLES Y. U. of Nanking, B. S., 1930, U. of California, M. A., 1936; U. of Chicago, Ph. D., 1942. Prof. of Geography, U. of Maryland. **Address:** 6900 Carleton Terrace College Park, Md. **Past positions:** Tech. Expert, National Govt. of China; Fellow, U. of California; Fellow, U. of Chicago; Research Assoc., Lecturer, Department of Geog., U. of Chicago; Consulting Economic Geog., United Air Lines Transportation Corp; Research Geographer and Acting Chief, East Asia Desk, Topographic Branch, U. S. Dept. of Army, Prof. of Military Geog., Strategic Intelligence School, War Dept. General Staff. **Areas known first-hand:** China, Japan, Siberia, Korea. **Major interests:** E. Asia (China and Japan); economic geog.; military geog. **Current research:** atlas of world resources; atlas of China.

HUANG, K. C. **Address:** Dept. of Geog., Peiping National Teachers College, Peiping, China. (*)

HUBBARD, GEORGE D. U. of Illinois, B. S., 1896, M. S., 1898; Harvard U., M. A., 1901; Cornell U., Ph. D., 1905. Emeritus Prof. of Geol. and Geog., Oberlin Coll. **Address:** 279 Oak St., Oberlin, Ohio. **Past positions:** Asst., Geol., U. of Illinois; Prof. Geog., East Illinois State Normal; Instr., Phys. Geog., Cornell U.; Asst. Prof., Geol., Ohio State U.; Prof. Geol. and Geog., Oberlin Coll.; Visiting Prof. Geog., U. of Missouri. **Areas known first-hand:** U. S.; Europe; China; Manchuria; Japan; southern Canada. **Major interests:** physiography of Ohio; geog. of Europe; introductory geol. **Current research:** erosion in high latitudes; agriculture in Palestine; Surficial Geology of James River Valley.

HUCK, DOROTHY LaP. U. of Illinois, B. S.; Northeastern U., M. S. 1939. Teacher of Geog., Sullivan H. S., Chicago, Ill. **Address:** Route 3, Box 5, Whitewater, Wisc. (home). (*)

HUCK, EMILIE. Southern Illinois U., B. Ed., 1931; U. of Illinois, M. A., 1937. Teacher, Centralia High School and Jr. Coll. **Address:** 543 W. Second St., Centralia, Ill. **Past positions:** public schools, Addieville and Baden, Ill. **Areas known first-hand:** southern Ill. **Major interests:** high school geog. and social science.

HUDAK, STEPHEN J., JR. Ohio U., B. S., 1943. Geographer, Office of the Quartermaster General. **Past positions:** Geog., Dept. of State, Dept. of the Interior, Army Map Service; Terrain Analyst, G-2, Europe. **Areas known first-hand:** France; Germany; Czechoslovakia. **Major interests:** U.S.S.R.; physical and economic geog. **Current research:** physical and economic area studies.

HUDGINS, BERT Illinois State Normal U., B. Ed., 1915; U. of Chicago, M. S., 1921; Clark U., Ph. D., 1930. Chairman, Dept. of Geog., Wayne U., Detroit 1, Mich. **Past positions:** Rural Schools, Lee Co., Ill.; Supt. of Schools, Cerro Gordo, Ill.; Prin. of H. S., Lincoln, Ill. **Areas known first-hand:** Middle West, esp. Michigan; Upper St. Lawrence and Great Lakes; lower Canada. **Major interests:** historical geog., geog. of Mich., meteorology and climatology. **Current research:** drainage in Mich. and lowering ground water; changing land use in Mich. Oil-and-gas producing areas.

HUDSON, G. DONALD U. of Chicago, Ph. B., 1924, M. A., 1925, Ph. D., 1934. Prof., Chairman of Dept. of Geog. Northwestern U., Evanston, Ill. **Past positions:** Dir., Middle School, American U., Beirut, Syria; Dean, Blackburn Coll.; Fellow, Dept. of Geog., U. of Chicago; Prof., State Teachers Coll., Whitewater; Chief, Land Classification Section, Chief, Land Planning Div., TVA, Knoxville; Consultant, Nat. Resources Bd.; Geographical Editor, Encycloaedia Britannica, Chicago. **Areas known first-hand:** Near East; W. Europe; southeastern U. S. **Major interests:** land classification and land-use planning; N. A. **Current research:** field, statistical, and cartographic techniques in geog.

HUFFINGTON, PAUL Illinois State Normal U., B. Ed., 1924; Clark U., M. A., 1929. Prof., Dept. of Geog., State Teachers Coll., Bridgewater, Mass. **Past positions:** Elmwood (Ill.) Township H. S.; Petersburg (Ill.) H. S.; Forest (Ill.) Township H. S. **Areas known first-hand:** New England, Midwest. **Major interests:** land utilization, physiography. **Current research:** glacial geog. of Bridgewater, Mass. area.

HULL, ANN REMINGTON (Mrs. Gordon C.). U. of Wash., B.A., 1945; Syracuse U., M.A., 1948. U. S. Government. **Address:** 5806 67th Ave., Riverdale, Maryland. **Major interest:** Europe. (A)

HULL, GORDON C. Carleton Coll., B. A., 1943. Syracuse U. M.A., 1949. **Address:** 5806 67th Ave., Riverdale, Md. **Areas known first-hand:** Hawaii, New Guinea, Luzon and Korea. **Major interests:** Southeastern Asia and economic geog.

HULL, Ramona M. Northwestern U., B.S., 1927. Columbia Univ., M. A., 1947. Teacher of geog., Roosevelt Jr. H. S., Elkhart, Ind. **Address:** 1301 Harrison St., Elkhart Indiana.

HUMPHREY, RUTH A. **Address:** 552 W. 113th St., New York 25, N. Y. (A)

HUNDERMARK, THOMAS WM. Muskingum Coll., B. S., 1943; U. of Pittsburgh, M. A., 1948. Instr., Dept.

of Geol. and Geog., Ohio Wesleyan U., Delaware, Ohio. **Past positions:** Lecturer, U. of Pittsburgh. **Areas known first-hand:** Dalmation Coast, Yugoslavia; Hawaiian Islands, Penn., Ohio, and Atlantic Coast of U. S. **Major interests:** economic and physical geog., climatology. **Current research:** land utilization in Delaware County, Ohio. (A)

HUNKER, HENRY L. U. of Pittsburgh, B.A., M.A., Grad. Asst. Ohio State Univ. Columbus 10, Ohio. **Past positions.** Public Schools. Millvale Pa. Instr., Dept. of Geol. and Geog., Michigan State College, E. Lansing, Mich. **Major interests:** political and econ. geog.

HUNSTEIN, IRVING J. Washington U., St. Louis, M. S., 1946. **Address:** 4244 Chesnut St., Philadelphia 4, Pa.

HUNT, CHARLOTTE R. Wilson Teachers Coll., B. S., 1947; U. of Wisconsin, M. S., 1948. U. S. Government. **Address:** 1890 Redwood Terrace, N. W., Washington 12, D. C. **Past positions:** Teacher, Washington, D. C. Jr. H. S.; Grad. Asst., U. of Wis. **Areas known first-hand:** Southern Wisconsin, East-central U. S. **Major interests:** physical geography. **Current research:** industrial development of Baltimore, Md. (A)

HUNTER, JAMES M. Indiana State Teachers Coll., Pa., B. S.; U. of Pittsburgh, M. Litt. Prof., School of Foreign Service, Georgetown U., Washington.

HUNTINGTON, CHARLES CLIFFORD. Antioch Coll., B. S., 1896; Ohio State U., Ph. B., 1902; M. A., 1903; Cornell U., Ph. D., 1915. Emeritus Prof., Dept. of Geog., Hagerty Hall, The Ohio State U., Columbus 10, Ohio. **Past positions:** Asst. in Pol. Econ. and Finance, Cornell U.; Special Examiner, U. S. Bur. of Corporations, Washington, D. C. at The Ohio State U. since 1909, Emeritus Prof. since 1943, 1st chairman of Geog. Dept. **Areas known first-hand:** U. S., Canada, Europe and travel in Africa and S. A. **Major interests:** Banks and Canals in early Ohio, social geography. **Current research:** stage coach era in Ohio.

HUNTSINGER, DONALD M. Teachers Coll., Millersville, Pa., B. S., 1930; Pennsylvania State Coll., M. Ed., 1940. Assoc. Prof., Bus. Admin., Pennsylvania Military Coll., Chester, Pa. **Past positions:** Chief, Supervisory Training, Office of the Chief of Engineers, War Dept., Wash., D. C.; Instr. Geog., Pennsylvania State Coll.; Instr. geog., hist., high school, State College, Pa. **Areas known first-hand:** Lancaster, Delaware, and Blair Counties, Pa. **Major interests:** economic geog., political geog. **Current research:** resources of U.S.S.R.

HURLBUT, FLOYD. U. of Nebraska, Ph.D., 1930. Prof. Ball State Teachers College, Muncie, Ind. **Past positions:** Instr., U. of Nebraska. **Areas known first-hand:** South China. **Major interest:** Far East.

HYATT, MORNA Academy of the New Church, Bryn Athyn, Pa., B. A., 1940; Teachers Coll., Columbia U., M. A., Instr. Academy of the New Church, Bryn Athyn, Pa. **Areas known first-hand:** eastern Pennsylvania, and Catskills, N. Y. **Major interests:** meteorology, climatology, and mathematics. (A)

HYDE, VICTOR A. Ohio State U., B. S., 1935; U. of Tennessee. M. S., 1939. **Address:** Bureau of Community Planning U. of Illinois, Urbana, Ill. **Past positions:** Alabama State Planning Board, Wilson Dam, Ala.; Stow, Ohio Schools; U. of Tenn.

ICKE, PAUL W. U. of Wisconsin, Ph. B. Ph. M., 1933, Ph. D., 1940. Chief National Resources Sec., Div. of International and Functional Intelligence, Dept. of State, Washington, D. C. **Address:** 17115 Beechwood Ave., Birmingham, Mich. **Past positions:** Grad. Asst., Instr., Ext. Div.; U. of Wisconsin; Instr., U. of Ill; War Production Bd.; Head, Mineral Sec., Div. of Geog. and Cartography, Dept. of State. **Areas known first-hand:** U. S. and Ontario.

ILLICK, J. ROWLAND Syracuse U. A. B., 1940, M. A., 1941; Harvard U., A.M., 1943. Asst. Prof., Middlebury Coll., Middlebury, Vt. **Address:** 3 Storrs Ave., Middlebury, Vt. **Past positions:** Grad. Asst. and Grad. Instr. Harvard U. **Areas known first-hand:** E. Asia, Northeastern U. S.

INGRAM, LEROY O. George Peabody Coll. for Teachers, M. A., 1947. **Address:** Calle Chicuahua 191, Mexico D. F., permanent, 510 Second St., Lebanon, Ohio. (*)

ISENOGLE, LAIRD Kent State U. B. S. in Ed., M. A., 1948. Asst. Prof. of Geog., Bowling Green State U., Bowling Green, Ohio. **Past positions:**

Elementary and high school social science, 1925-1946. **Areas known first-hand:** Northeastern Ohio. **Major interests:** land utilization, town patterns, teaching of geog. **Current research:** land utilization, Wood County, Ohio.

VES, RONALD L. U. of Colorado, M. S.; Indiana U., M.A.; Dept. of Geog. Indiana U., Bloomington, Indiana. **Past positions:** Lt. Chemical Warfare Service, Dugway, Utah.

JACOBS, GRACE H. **Address:** 431 23rd Place, N. E., Washington, D. C. (A) (*)

JACOBSON, ANNETTE. Student Syracuse U. **Address:** 403 Comstock Avenue, Syracuse 10, N. Y. (A) (*)

JACOBSON, DANIEL New Jersey State Teachers Coll. A. B., 1947. **Address:** 591 Bergen Street, Newark, N. J. **Major interests:** political geog., human geog., regional geog. **Current research:** research on Waycross, Ga. (for M. A. thesis) (A)

JAMES, PRESTON E. Harvard U., A. B., 1920, M. A., 1921; Clark U., Ph. D., 1923. Prof., Dept. of Geog., Syracuse U., Syracuse 10, N. Y. **Past positions:** U. of Michigan. **Areas known first-hand:** Brazil; West Coast countries; Argentina; Uruguay; Bolivia; Trinidad; France; Belgium; Luxembourg; Germany; Portugal; England. **Major interests:** Latin America, esp. Brazil; field methods. **Current research:** interdepartmental area research on Costa Rico; Chairman, AAG committee on Centennial Studies.

JEN, MEI-NGO National Central U., China, B. Sc. 1934, Glasgow U., Scotland 1939. Prof. of Geog., National Central U. and Secretary, Geographical Society of China. **Address:** Dept. of Geog. National Central U., Nanking, China. **Past positions:** Research Asst., National Resources Commission, China; Prof. of Geog., National Chekiang U., Prof. and Chairman of Dept. of History and Geog., National Fu-tan U. **Areas known first-hand:** Northwestern China (Kansu, Shensi, E. Tsinghai); Chekiang, Szechwan and Kweichow provinces; Scotland. **Major interests:** economic geog., esp. land utilization; geomorphology. **Current research:** land use and agricultural productivity of China, esp. S. W. China.

JENKINS, GEORGE R. U. of Wisconsin, Ph. M., 1938. **Address:** Dept. of Geol., Lehigh U., Bethlehem, Pa. (*)

JENKS, GEORGE F. Albany State Teachers Coll., B. S. 1941; Syracuse U., M.A., 1947. Instr., Dept of Geog. Univ. of Kansas, Lawrence, Kansas. **Areas known first-hand:** Anglo-America. **Major interests:** Anglo-America, Europe and agricultural geog. **Current research:** geographic evaluation of land clearing in Arkansas. (A)

JETER, DOUGLAS D. **Address:** Box No. 3, Santuck, S. C.

JENTZEN, LORRAINE MITCHELL (Mrs.) Michigan State Coll., B. A., 1948. **Address:** 504 Sherman, Holly, Mich. (A)

JEWELL, WILLIAM F., U. of Michigan, A.B., 1938; Michigan State Coll., M.S., 1947. Asst. Prof. of Geog., George Washington U., Washington 6, D. C. **Past positions:** Soil Surveyor, Soil Conservation Service; Geographer, WPB, Board of Economic Warfare; Cartographic Specialist, USN R, Navy Hydrographic Office; Research Asst. in Submarine Geol., Scripps Institute of Oceanography; Area Specialist, Office of International Trade, U. S. Dept. of Commerce. **Areas known first-hand:** U. S. **Major interests:** conservation and planning, geomorphology, economic geog. **Current research:** land use planning in urban and suburban areas.

JOBBERNS, GEORGE. U. of New Zealand, M. A., 1921, D. Sc., 1936. Prof. of Geog., Dept. of Geog., Canterbury University College, Christchurch, New Zealand.

JOERG, W. L. G. U. of Leipzig, 1904; Columbia U. Teachers Coll., 1905; U. of Gottingen, 1911. Chief, Cartographic Records Br., National Archives, Washington, D. C. **Past positions:** Am. Geographical Soc. of N. Y.: Asst. Ed. of Bull.; Assoc. Ed. and Research Ed. of Geographical Rev.; Vice-chairman, Div. of Geol. and Geog., Nat. Research Council; Chairman, Exec. Comm., U. S. Bd. on Geographical Names. **Areas known first-hand:** Europe, except Norway, Sweden, Russia, and S. Balkans; U. S.; eastern Canada; **Major interests:** methodology of geog., espec. reg. synthesis; cartography; polar regions; historical geog. **Current research:** historical geog.; cartography.

JOHNSON, ALVIN MAX. Iowa State Teachers Coll., B. A., 1935; U. of Colorado, M. S., 1942. Assoc. Prof. of Geog., Nebraska State Teachers Coll. **Address:** 1003 Main St., Chadron, Nebr. **Past positions:** Ellsworth Jr. Coll., Iowa Falls, Iowa; Elmhurst Coll., Elmhurst, Ill. **Areas known first-hand:** Great Plains, Rocky Mts., N. Central States, Mexico, Alaska. **Major interests:** Latin America, geomorphology, conservation. **Current Research:** Conservation and land use of the tablelands of Western Nebraska.

JOHNSON, ANGELA F. Northwestern U., B. S. **Address:** 916 Ainslie St., Chicago 40, Ill. (*)

JOHNSON, CHARLES W. Ill. State Normal U., B. Ed., 1938. U. of Wisconsin Extension Division, Milwaukee, Wisc. (*)

JOHNSON, GLENN. Student, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Major interests:** physical geog. (A)

JOHNSON, HERBERT G. Asst. Prof. of Geog., Drake Univ., Des Moines, Iowa. (A)

JOHNSON, HUGH N. **Address:** 826 Washington Ave., St. Louis 5, Mo.

JOHNSON, MARTIN E. Student, Dept. of Geog. Syracuse U., Syracuse 10, N. Y. (A) (*)

JOHNSON, RAYBURN W. Peabody Coll., B. S., 1924, M. A., 1925; U. of Chicago, Ph. D., 1936. Chairman Social Science Dept., Prof. of Geog., Box 534, Memphis State College, Memphis, Tenn. **Areas known first-hand:** Tenn. and adjoining states. **Major interests:** regional geog. of U. S. and Europe; economic geog. **Current research:** Tenn.; military geog.

JOHNSON, ROBERT B. Washington U., A. B., 1942; Harvard U., A. M., 1948. Dept. of Geology, St. Lawrence U., Canton, N. Y. **Past positions:** U. S. Geological Survey, Instr., Geol., Washington U. **Areas known first-hand:** U. S., E. Canada, Alaska, India, China, Mediterranean and Red seas, Pacific Basin. **Major interests:** political and economic geog., Far East. **Current research:** barrier effects of the Quebec-Northeastern U. S. boundary.

JONES, BETTY M. Nebraska Wesleyan U., A. B., 1947. **Position:** Grad. Asst., U. of Maryland. **Address:** 37[illegible] Bunker Hill Rd., Mt. Rainier, Md. **Areas known first-hand:** Midwest U. S.; Maryland, and Virginia. **Major interests:** teaching of geog. economic geog.

JONES, CLARENCE F. U. of Chicago, B. S., 1917, Ph. D., 1923. Prof. Dept. of Geog., Northwestern U. Evanston, Ill. **Past positions:** Prin. Pleasant View (Ill.) High School; Head, Geog. Dept., State Teachers Coll., St. Cloud, Minn.; Asst. Instr. U. of Chicago; Asst. Prof., Assoc. Prof., Prof., Clark U.; Bd. Economic Warfare; Dir., Latin American Regional Resources Project for National Planning Assn.; Asst. Chief, Europe-Africa Div., Office of Strategic Services. **Areas known first-hand:** South America; Lesser Antilles; Puerto Rico; Cuba; Jamaica; Panama; Costa Rica; Honduras; Guatamala. **Major interests:** geog. of Latin America; economic geog.; geographic techniques.

JONES, EDWARD J., JR. Student Dept. of Geog., Oregon State Coll. Corvallis, Ore. **Past Positions:** Instr. of Navigation, Climatology and Cartography, (U. S. Air Force). **Areas known first-hand:** S. E. Canada; Mexico; England, France, Germany; N. E. South America and Caribbean Islands; Pacific Islands. **Major interests:** area potentialities in regard to commercial exploitation; tropical regions; exploration.

JONES, STEPHEN B. U. of Washington, S. B., 1924; Harvard U., A. M., 1929, Ph. D., 1934. Prof. of Geog., Yale U., New Haven, Conn. **Past positions:** Oregon Coll. of Ed.; U. of Hawaii; Dept. of State. **Areas known first-hand:** Canada, Hawaii, Alaska, New Zealand, Australia. **Major interests:** political geog. **Current research:** evaluation of recent political changes.

JONES, WELLINGTON D. Emeritus Prof., Dept. of Geog., U. of Chicago. **Address:** Harbert, Michigan.

JORDAN, MILDRED M. **Address:** 2812 Adams Mill Road, N. W., Washington 9, D. C. (A)

JORGENSON, HAROLD T. Duluth State Teachers Coll., B. E., 1935; Clark U., M. A., 1942. Acting Chief, Div. Land Planning, Bur. Land Management, Alaska. **Address:** Box 480, Federal Bldg., Anchorage, Alaska. **Past positions:** Minnesota State Planning Board; Army Map

Service; Foreign Economic Administration; Office of Strategic Services (AVS); Dept. of Agriculture; International Resources Div., Dept. of State; Bur. Land Management, Dept. of Interior. **Areas known first-hand:** U. S., except South and Far West; Alaska. **Major interests:** land classification and planning, economic geog., conservation. **Current research:** settlement and development of Alaska.

KAIKOW, JULIUS. Coll. of the City of New York, B. S., 1935; Columbia U., M. A., 1945. Lecturer in Geol. and Geog., Geol. Dept., Coll. of the City of New York, Convent Ave. and 139th St., New York 31, N. Y. **Areas known first-hand:** northeastern U. S., northern Great Lakes region, southern Nova Scotia. **Major interests:** conservation, geog. of minerals, physical geog. of N. A. **Current research:** status of conservation education in the U. S., geog. of the Champlain lowland.

KARINEN, ARTHUR E. U. of California, A. B., 1944, M. A., 1948. Asst. Prof., Dept. of Geog., U. of Maryland, College Park, Md. **Past positions:** Cartographer, Office of Strategic Services, Instr., Ohio State U. **Areas known first-hand:** Coastal areas of N. California. **Major interests:** cartography. **Current research:** effects of reduction on map reproduction.

KARNES, LOWRY B. Muskingum Coll., A. B., 1930; Ohio State U., M. A., 1931, Ph. D., 1940. Assoc. Prof., Dept. of Geog. and Geol., Bowling Green State U., Bowling Green, Ohio. **Past positions:** U. of Rochester, Rochester, N. Y.

KASEL, ALFRED W. Illinois State Normal U., B. Ed., 1925; U. of Chicago, M. S., 1933. Instr., H. S. and Jr. Coll. **Address:** 1726 14th Ave., Moline, Ill. **Areas known first-hand:** Illinois, Maritime Canada, Switzerland. **Major interests:** economic geog., travel films.

KASLING, ROBERT WILLIAM. U. of Wisconsin, B. A., 1937; U. of Chicago, M. S., 1940. Asst. Prof., Fredonia State Teachers Coll., Fredonia, N. Y. **Past positions:** Teaching Asst., Syracuse U., Teaching Fellow, U. of Chicago; Head, Science Dept., Ottawa Township High School; Topographic Engineer, Pearl Harbor. **Areas known first-hand:** much of U. S., South Pacific. **Major interests:** conservation, meteorology, teaching of geog. **Current research:** conservation education. (Ed. D. dissertation, N. Y. U.)

KEENE, ELLA O. Clark U., B. Ed., 1937; Teachers Coll., Columbia U., M. A., 1943. Asst. Prof., Dept. of Geog., Keene Teachers Coll., Keene, N. H. **Past positions:** Groveton H. S., Groveton, N. H. **Areas known first-hand:** New England, Wisc., Provinces of Quebec, New Brunswick, Nova Scotia.. **Major interests:** geog. for teachers, geography of New England, esp. N. H. **Current research:** industries of Keene, N. H.

KEINARD, ALVIN S. The Pennsylvania State Coll. M. Ed., 1945. **Address:** West Chester State Teachers Coll.; West Chester, Pa. **Past positions:** Grad. student, U. of Wisc. (*)

KEITHAN, ELIZABETH F. Teachers Coll., Columbia U., B. S., 1926; U. of Chicago, M. S., 1935. **Address:** 340 Market St., Sunbury, Pa. **Past positions:** Sunbury Public Schools; State Teachers Coll., Clarion, Pa. Teachers Coll., Ashville, N. C. **Areas known first-hand:** S. Canada, Europe, Bermuda, much of U. S. (*)

KELLER, FRANK LEUER, U. of Illinois, B. A., 1940. Asst. Prof., Dept. of Geog. Rutgers U., New Brunswick, N. J. **Past positions:** Grad. Asst., Northwestern U.; Chief, Central American Section, Military Intelligence Service; Asst. Military Attache, Bolivia. **Areas known first-hand:** Bolivia, Central America, Caribbean Area, Amazon region. **Major interests:** Latin America, human geog. **Current research:** Lake Titicaca Basin of Bolivia, analysis of highland communities and great landed estates.

KELLER, LOIS R. Clark U., A. M., 1929. **Address:** 3232 E. Fairfax Road, Cleveland Hts., 18, Ohio. (*)

KELLEY, ARTHELL Mississippi Southern, Hattiesburg, Miss., B. S., 1940; U. of Missouri, M. A., 1948. Grad. Asst., Dept. of Geog. U. of Nebraska, Lincoln 8, Nebr. **Areas known first-hand:** Cotton Belt, Australia, New Guinea. **Major interests:** economic, political and historical geog. (A)

KELLEY, EDNA S. Connecticut Coll. for Women, B. S., 1928. Research Asst., Dept. of Geog., U. of Mary-

land. **Address:** 2300 California St., Washington 8, D. C. **Past positions:** War Dept., Cartographic Sec. of Geog. Br., MIS. **Current research:** atlas of the world's resources. (A)

KELLEY, JOSEPHINE W. **Address:** 3665 38th St., N. W., Washington 16, D. C. (A)

KELLEY, MINNIE P. Southwestern Louisiana Institute, B. A., 1928; Cornell U., M. S., 1932. Prof., Box 234, Southwestern Louisiana Institute, Layfayette, La. **Past positions:** none. **Areas known first-hand:** Mexico, U. S., Canada, Europe. **Major interests:** political and human geog. (A)

KELLEY, DORTHEA M. **Address:** 126 Colberg Ave., Roslindale 31, Mass. (A) (*)

KELLEY, TIM K. U. of Washington, B. S., 1936, M. A., 1940. Ph. D., 1946. **Position:** Assoc. Prof. of Geog., Geol. Bldg., Univ. of Colo., Boulder, Colo. **Past positions:** Instr. Central Washington Coll. of Education; Instr., U. of Washington; Teacher, Seattle High Schools. **Areas known first-hand:** Western U. S. and Canada. **Major interests:** conservation, economic geog., educational geog. **Current Research:** Taylor Grazing Act and Western Grasslands.

KELLY, WILFRID D. E. Ill. State Teachers Coll., B. Ed., 1938; U. of Michigan, M. S., 1940. Asst. Prof. of Geog., Univ. of New Mexico, Albuquerque, N. M. **Past positions:** U. Fellow., Syracuse U. Teaching Fellow., U. of Michigan; Asst. Chief of Staff, AAF Engr. Comd., MTO.; Res. Analyst, Office of Strategic Services and Dept. of State; Grad. Asst., Syracuse U., **Areas known first-hand:** N. W. Africa and S. Italy. **Major interests:** Latin America, settlement geog.; history of geog. **Current research:** settlement of the Middle Rio Grande Area.

KELLOGG, CHARLES E. Head Soil Scientist and Chief, Div. of Soil Surv., Bur. of Plant Industry, Soils, and Agricultural Engineering, U. S. Dept. of Agriculture, Beltsville, Md.

KELSEY, LAURA E. N. Texas State Teachers Coll., B. A., 1934, M. A., 1942. Archivist (map curator), Div. of Maps and Charts, National Archives. **Address:** 1515 Spring Place, N. W., Washington 10, D. C. **Past positions:** Jr. H. S. in Texas; Board on geographical names.

KEMLER, JOHN H., U. of S. California, B. S., 1935, M. B. A., 1936, U. of Chicago, Ph. D., 1949. Asst. Prof of Geog., Beloit College, Beloit, Wisc. **Past positions:** Grad Asst., U. of Chicago; Dept of Commerce, U. S. Commercial Company; Foreign Service Auxiliary, Vice Consul, Dept. of State. **Areas known first-hand:** U. S., Portugal, Spain, Middle East, China. **Major interests:** economic geog., teaching. **Current research:** the struggle for wolfram in the Iberian Peninsula June, 1942 - June, 1944 (Ph. D. dissertation).

KEMP, HAROLD S. 20A Prescott, Cambridge 38, Mass.

KENDALL, HENRY MADISON. Amherst Coll., B.A., 1924; U. of Michigan, M.A., 1928, Ph.D., 1933. Prof. Dept. of Geog., Syracuse U., Syracuse 10, N. Y. **Past positions:** Asst. and part time Instr., Instr., and Asst. Prof., U. of Michigan; Head Geographer, Topographic Br., G-2; Assoc. Prof., Amherst Coll. **Areas known first-hand:** western and southern Europe; northern Africa; eastern U. S. **Major interests:** climatology; geog. of Europe; introductory college geog. **Current research:** preparation of introductory college text; climatic variability.

KENNY, JOSEPH W. U. of Nebraska, M.A., 1940. Chairman, Dept. of Geog., U. of Wisconsin Extension Division, Milwaukee 3, Wis. **Past positions:** U. of Wisconsin, W. Ill. State Teachers Coll., Macomb. **Areas known first-hand:** U. S., N. Mexico, S. Canada. **Major interests:** N. A. economic and manufactural geog.

KEPLINGER, FLORENCE. Kent State U., B.S. in Ed., 1946. Lakewood Public Schools. **Permanent Address:** Route No. 1, Dover, Ohio. **Past positions:** New Philadelphia schools. **Major interests:** economic geog.; Europe (*) (A)

KERN, JOHN KONRAD. Washington U., St. Louis, A.B., 1947, M.A., 1948, Geographer, Research Group, Geog. Div., Bur. of the Census. **Address:** 5500 Silver Hill Rd., Apt. 202, Washington 19, D. C. **Past positions:** Grad. Asst., Dept. of Geog., Washington U. **Areas known first-hand:** St. Louis, eastern U. S., Scotland, England, France, Belgium, Holland, Germany. **Major interests:** economic geog.; urban geog; human ecology.

KERR, DONALD. **Address:** Dept. of Geography, University of Toronto, 273 Floor St., W. Toronto 5, Canada.

KESO, EDWARD ELMER. Central Missouri State Coll., B.S., 1925; George Peabody Coll., M.A., 1929, Ph.D., 1927. Prof., Head, Dept. Geog., Okla. A. & M. Coll., Stillwater, Okla. **Past positions:** Central Okla. State Coll.; N. E. Mo. S. T. C.; U. of Mo.; U. of Okla. **Areas known first-hand:** south and southwest U. S. **Major interests:** economic geog., political geog., conservation of natural resources. **Current research:** industrial geog. of the S. W.

KESSELI, JOHN E. U. of California at Berkeley, Ph.D., 1938. Assoc. Prof., Dept., of Geog., U. of California, Berkeley. **Address:** 41 Lenox Road, Berkeley, Calif. **Past positions:** Geographic Br., Res. Sec., MIS. War Dept. **Areas known first-hand:** western U. S., esp. Calif.; western Europe, esp. Switzerland; Germany. (*)

KIERAN, SISTER M. H.H.M. John Carroll U., Cleveland, O., B.A., 1926; Catholic U., Washington, D. C., M.A., 1934. Teacher of Religion, St. Elizabeth School of Nursing, St. Elizabeth Hospital, 1044 Belmont Ave., Youngstown, Ohio. **Past positions:** Supervisor of Geog., Diocesan Schools of Cleveland, Ohio, Education, John Carroll U., Cleveland, Ohio; Geog., Sisters Coll. (now St. John's); Religion, Mount Marie Academy, Canton, Ohio. **Areas known first-hand:** Great Lakes Region. **Major interests:** geomorphology and cartography.

KILZER, ROSALIE E., CAPTAIN, WAC., Nebraska Wesleyan U., A.B., 1941. **Position:** Dept. of the Army. **Address:** 2727 S. Glebe Rd., Arlington, Va. **Areas known first hand:** Midwest and western U. S. **Major interests:** economic geog.

KIMBLE, GEORGE H. T. U. of London, B.A., 1929, M.A., 1931; U. of Montreal, Ph.D., 1948. Prof. of Geog., and chairman, Dept. of Geog., McGill U., Montreal, Canada. **Past positions:** Lecturer in Geog., U. Coll. of Hull, England; Lecturer in Geog., U. of Reading, England; Meteorological Officer, British Naval Meteorological Service. **Areas known first-hand:** British Isles; western Europe; Australasia; India; Near East; North Africa; Canada. **Major interests:** history of geographical thought; Meteorology; geog. of Canada and the North-lands. **Current research:** classical concepts regarding North-lands; geog. of the North-lands; historical geog. of the St. Lawrence Valley.

KINGMAN, MARGARET MACE. Radcliffe Coll., A.B., 1934; A.M., 1935. U. S. Government. **Address:** R.F.D. No. 1, Vienna, Va. **Past Positions;** Instr. Dept. of Geol. and Geog., Smith Coll., Northampton, Mass.; Cartographer, Office of Strategic Services; Chief, Graphic and Reproduction Section, Joint Intelligence Study Publishing Board, Washington, D. C. **Areas known first hand:** Mass., Me., Shenandoah Valley of Va., Germany, U.S.S.R., England, France, Denmark, Sweden, Finland, Czechoslovakia, Rumania, Austria, Bulgaria, Switzerland, Poland. **Major interests:** cartography; terrain rendering; geography of tropical areas. **Current research:** preparation of a tropical geography register of biographic and bibliographic data on all aspects of tropical geography.

KIRK, DONALD W. U. of Toronto, A.B., 1944, M.A., 1945. Instr. in Geog., Victoria College. **Address:** 3155 Richmond Road, Victoria B.C., Canada. **Areas known first-hand:** Ontario, British Columbia. **Major interests:** Canada, historical geog., economic geog. **Current research:** the relation between climate and vegetation in the valleys of the southern interior of British Columbia.

KISH, GEORGE. School of Political Science, Paris, A.B., 1935; U. of Paris, M.A., 1937; U. of Budapest, D.Sc., 1939; U. of Michigan, Ph.D., 1945. Asst. Prof. of Geog., 23 Angell Hall, U. of Michigan, Ann Arbor, Mich. **Past positions:** Asst. Sec., Assoc. of Hungarian Textile Industries; Teaching Fellow, Instr. in Geog., U. of Michigan; Curator of Maps, W. L. Clements Library; Reader, Consultant and Research Analyst, Office of Strategic Services. **Areas known first-hand:** Europe, except Scandinavia and U. S. S. R.; U. S. **Major interests:** political geog.; history of geog. and cartog.; geog. of the U. S. S. R. **Current research:** political geog; history of cartog.

KLEMM, D. F. Ft. Hays Kansas State Coll., B.S., 1919, A.B., 1935, M.S., 1937. Dept. of Education, Tabor Coll., Hillsboro, Kans. **Past positions:** Supt. of Schools, Luray and Lebanon, Kans. **Areas known first-hand:** Middle west. (A)

KLIMM, LESTER E. Columbia U., B.S., 1924; U. of Pennsylvania, Ph.D.,

1930. Prof. of Geog., U. of Pennsylvania. **Address:** 4642 Locust St., Philadelphia 39, Pa. **Past positions:** Instr. to Prof., U. of Pennsylvania; Head Geographer, War Dept. Gen. Staff. **Areas known first-hand:** U. S.; England; Ireland; S. Canada. **Major interests:** economic geog.; philosophy of geog.; northeastern U. S. **Current research:** northeastern U. S.

KLINE, HIBBERD V. B., Jr. Syracuse U., A.B., 1936; U. of Wisconsin, M. A., 1938, Ph.D., 1941. Assoc. Prof. Dept. of Geog., Syracuse U., Syracuse 10, N. Y. **Past positions:** Research Analyst, Library of Congress; Cartographer and Geographer, Office of Strategic Services; Chief, Map Div., OSS, Algiers, London; Chief, Cartographic Br., Dept. of State; Map Procurement Off., Africa, Dept. of State. **Areas known first-hand:** northeastern U. S.; Middle West; western Europe; North Africa; central, eastern and southern Africa. **Major interests:** Africa; cartography; settlement. **Current research:** settlement problems in Africa; cartographic methods.

KLING, SIDNEY. **Address:** Dept. of Geography, University of Toronto, 273 Bloor St. W., Toronto 5, Canada. (A) (*)

KLOTZ, DOROTHY E. Ohio State U., B.S., B.A., 1929; U. of Southern California, M.S., 1933. Instr. in Geog., Glendale Coll., 1500 N. Verdugo Road, Glendale 8, Calif. **Areas known first-hand:** traveled in Europe, Canada, Mexico, Central and S. America, China, Japan, Korea, Philippines and U. S. **Major interests:** physical geog., esp. geomorphology.

KLOVE, ROBERT C. U. of Chicago, Ph.B., 1932, S.M., 1937, Ph.D., 1942. Asst. Chief, Geog. Div., Bur. of the Census, Washington 25, D. C. **Past positions:** Instr., U. of Chicago; Research Planner, Chicago Plan Comm.; Lt. (j. g.)-Lt. Commdr., U. S. N. R.; Asst Prof., Washington U., St. Louis. **Areas known first-hand:** Kodiak and Aleutian Islands; England; Oahu and Guam; Japan. **Major interests:** urban geog., photographic interpretation; economic geog. **Current research:** delimitation of census areas.

KLUE, HAROLD E. **Address:** Riverdale Country School, Riverdale-on-Hudson, New York 63, N. Y. (A)

KNIFFEN, FRED B. U. of California, Ph.D., 1929. Prof. of Geog. and Anthropol., Louisiana State U., School of Geol., Baton Rouge 3, La. **Past positions:** Louisiana State U. **Areas known first-hand:** Alaska; northwest Mexico; Europe; Canada. **Major interests:** cultural geog.; anthropogeog. **Current research:** the geographic aspects of distinctive American institutions.

KNIGHT, HOMER E. Wayne U., A.B., 1934, M.A., 1939. Royal Oak High School, 709 N. Washington Ave., Royal Oak, Michigan. **Past positions:** The Business Institute, Detroit. **Areas known first-hand:** Michigan, N. Russia. **Major interests:** economic geog.

KOCH, G. DAVID. Wayne Nebraska, B.A., 1929; U. of Nebraska, M.A., 1934, Ph.D., 1938. Assoc. Prof., Indiana State Teachers Coll., Terre Haute, Ind. **Past positions:** Eastern Illinois State Coll. **Areas known first-hand:** central U. S. **Major interests:** regional geog., conservation, meteorology and climatology. **Current research:** conservation problems in the S. Wabash Valley, industrial pattern and related geog. factors in Terre Haute.

KOCH, HARRIET M. **Address:** 1833 19th St. N.W., Washington 9, D. C.

KOEPPE, CLARENCE E. Colgate U., B.S., 1914; Clark U., A.M., 1927, Ph.D., 1929. Retired. **Address:** 6111 Vista de la Mesa, LaJolla, Calif. **Past positions:** public schools of New York and Pennsylvania as science teacher and supervising principal; Prof. of Geog. S. W. Missouri State College, Springfield. **Areas known first-hand:** climate of Canada largely from study of records and reports at Toronto and Ottawa. **Major interests:** meteorology and climatology; geomorphology.

KOHN, CLYDE F. U. of Michigan, M.A., 1936, Ph.D., 1940. Assoc. Prof., Dept. of Geog., Northwestern U., Evanston, Ill. **Past positions:** Instr., Harvard U. **Areas known first-hand:** U. S., esp. New England, Middle West and South. **Major interests:** settlement and urban geog.; population geog.; geographic education, Africa. **Current research:** types of settlement, geographic education, areal photo-identification of settlement features.

KOLLMORGEN, WALTER M. U. of Nebraska, B.S., 1931, M.A., 1933; Columbia U., Ph.D., 1940. Prof. and Chairman, Dept. of Geog., U. of Kansas, Lawrence, Kansas. **Past positions:** Bur. of Agric. Economics, U. S. Dept. of Agric. **Areas known first-hand:** Middle West; South; Atlantic Coast States; Middle Rockies.

Major interests: agricultural geog.; cultural geog. **Current research:** changing settlement patterns in the wheat belt of Kansas.

KORGEN, MALI. Duluth State Teachers Coll., B.Ed., 1936; Clark U., M.A., 1949. Instr. Geog., U. of South Carolina, Columbia, S. C. **Past positions:** teacher, Minn.; instr., Duluth State Teachers Coll.

KORN, FLORENCE. Hunter Coll., B.A., 1947. Cartographer. **Address:** 1261 Merriam Ave., Bronx 52, N. Y. **Areas known first-hand:** N. Y. C. **Major interests:** cartography, city planning. **Current research:** technical processes in reproduction and presentation of Land Use Map of N. Y. C. for city planning project. (A)

KOSTANICK, HUEY LOUIS. U. of Pittsburgh, A.B., 1940; Clark U., M.A., 1942, Ph.D., 1948. Asst. Prof., Dept. of Geog., U. of California, Los Angeles 24, Calif. **Past positions:** Office of Strategic Services, Army of the U. S., State Dept. **Areas known first-hand:** Balkans, Italy, North Africa, esp. Egypt. **Major interests:** political geog., Balkans and E. Europe, Russia. **Current research:** problem areas of the Balkans and related population changes since 1940.

KRATZ, LAWRENCE A. U. of Cincinnati, A.B., 1942, A.M., 1945. Instr. in Economics and Geog., Franklin and Marshall Coll., Lancaster, Pa. **Past positions:** Instr. in Geog., U. of S. Carolina, Columbia, S. C. **Areas known first-hand:** Ohio, S. C. **Major interests:** economic geog., N. A., cultural geog. **Current research:** new regional classification of the U. S.

KRAUSE, ANNEMARIE. U. of Minnesota, B.S., 1928; U. of Illinois, M.S., 1930. Asst. Prof., Southern Illinois U., Carbondale, Ill. **Address:** 505 W. Mill St., Carbondale, Ill. **Past positions:** Office of Strategic Services; Teaching Asst., U. of Ill.; Public Schools, Michigan. **Areas known first-hand:** U. S.

KRESKE, RICHARD DANIEL. Western Reserve U., B.S., 1937; Syracuse U., M.S., 1939. Asst. Prof. of Geog., U. of Miami, Miami, Fla. **Past positions:** instr. in geog., Virginia Polytech. Inst.; active duty U. S. N. **Areas known first-hand:** Canada, Caribbean area, N. Y. **Major interests:** econ. geog., cartography, geog. of Florida.

KRESS, WARREN D. **Address:** Dept. of Geog., U. of Minnesota, Minneapolis, Minn.

KUCHLER, A. WILLIAM. Munchen Germany, Ph.D., 1935. Asst. Prof. of Geog., U. of Rochester, Rochester 3, N. Y. **Past positions:** Claremont Coll.; U. of Denver; U. of Wisconsin. **Areas known first-hand:** Germany; the Alps; the Low Countries; England; Eire; parts of Italy; West Indies, esp. Jamaica, Barbados, Trinidad and French West Indies; east and west coasts of S. A.; Paraguay; Argentina; Chile. **Major interests:** biogeography; regional geog. of Europe and S. A.; agricultural geog. **Current research:** biogeography; mainly distribution of vegetation types, methods of classification of vegetation for geographers; new world vegetation map.

KURIYAN, GEORGE. **Address:** Wellclose, Cathedral P. O., Madras, India.

KUSCH, MONICA H. U. of Chicago, M.S., 1936. **Address:** 5728 Blackstone Ave., Chicago 37, Ill.

KUTHY, OLGA. Hunter Coll., A.B., 1924; Columbia U., M.A., 1926; New York U., Ph.D., 1939. Assoc. Prof., Hunter College. **Address:** 2701 Grand Concourse, New York, N. Y. **Areas known first-hand:** North and Central America, Peru, Colombia, Central and Mediterranean Europe.

KUZMAN, GEORGE. Student, Pennsylvania State Coll., **Address:** 125 East Nittany, State College, Pa. **Areas known first-hand:** North Africa, Italy, Switzerland. **Major interests:** economic and physical geog. (A)

LACKEY, EARL E. U. of Nebraska, A.B., 1911, A.M., 1919; Columbia U., Ph.D., 1933. Assoc. Prof. Emeritus, Dept. of Geography, University of Nebraska. **Address:** University of Tennessee, Dept. of Geography, Knoxville, Tenn. **Past positions:** Elementary and H. S., Nebr.; Teachers Coll., Wayne, Nebr.; U. of Nebr. **Areas known first-hand:** France; much of U. S. **Major interests:** geog. statistics; meteorology and climatology; mountain passes. **Current research:** mountain passes.

LADD, MARY ELIZABETH. Smith Coll., A.B., 1939. Map Editor, Army Map Service. **Address:** 3831 Porter St. N.W., Washington 16, D. C. **Past positions:** Teacher, St. John Baptist School, Mendham, N. J.; Geog. Asst., Dept. Geol. and Geog., Mt. Holyoke Coll. (A)

LAIDIG, KERMIT M. Shippensburg State Teachers Coll., Shippensburg, Pa., B.S., 1943; U. of Nebraska, M.A., 1947. Grad. Asst.; Instr. in U. Ex-

tension Div., Dept. of Geog., U. of Nebraska, Lincoln, Nebr. **Past positions:** Instr., Nebr. State Teachers Coll., Kearney, Nebr. **Areas known first-hand:** Eastern U. S. and Central U. S., N. Africa, Italy, S. E. France, S. Switzerland, S. W. Yugoslavia. **Major interests:** cultural geog., climatology, economic geog. **Current research:** well irrigation in the Middle Platte Valley. (A)

LAINE, OLIVER H. Clark U., M.A., 1949. Grad. Student, School of Geography, Clark U., Worcester, Mass. **Past positions:** Instr., Public Schools, Crookston, Minn.; Immigrant Inspector, Dept. of Justice; Aerial Photo Interpreter and Intelligence Officer, U. S. A. A. F. **Areas known first-hand:** Great Britain, Eastern U. S., esp. New England, Minn. **Major interests:** land utilization by Finns; S. A. **Current research:** aspects of Finnish settlement in New England with special emphasis on their cooperative and political tendencies.

LAMSON, GENEVIEVE. U. of Chicago, M.S., 1922. **Address:** Dept. of Geog., Vassar College, Poughkeepsie, N. Y. (*)

LANE, CHARLES F. U. of Tenn., A.B., 1944, M.S., 1945. Asst. Prof., U. of Georgia, Athens, Ga. **Areas known first-hand:** Newer Appalachians, Nashville Basin, Southeastern Wisc., New England, Piedmont, Coastal Plain, Blue Ridge. **Major interests:** geomorphology, climatology; field techniques. **Current research:** physiography of Grassy Cove, Cumberland Plateau, Tenn.

LANGDON, GEORGE L. J. Pennsylvania State Coll., B.S., 1942, M.S., 1947. Head, Dept. of Geog., State Teachers Coll., Mansfield, Pa. **Address:** Faculty Box 53, State Teachers Coll., Mansfield, Pa. **Past positions:** Public Schools, Pennsylvania. **Areas known first-hand:** U. S. **Major interests:** regional geog., Pennsylvania geog. **Current research:** Methods of logically limiting regions; Main Line Suburban District west of Philadelphia.

LANGLEY, THORPE M. U. of Wisconsin, B.A., 1915, M.A., 1932. Head of Geol. and Geog. Dept., Superior State Coll., Superior, Wisc. **Past positions:** U. S. Army; Rockford Coll. **Areas known first-hand:** Wisconsin, Europe. **Major interests:** economic geog.

LANTIS, DAVID W. Adams State Coll., A.B., 1939; U. of Cincinnati, M.A., 1948. Instructor, Dept. of Geog., U. of S. Calif., Los Angeles 7, Calif. **Areas known first-hand:** Alaska, Pacific Islands, western and central U. S. **Major interests:** geomorphology, urban (esp. small U. S. trade centers), regional geog. **Current research:** San Luis Valley, Colorado; Taos Valley, New Mexico, and iron and steel industry of western U. S.

LANTIS, JANE F. (Mrs. David W. Lantis). Smith Coll., A.B., 1943; U. of Cincinnati, M.A., 1946. **Address:** Geog. Dept., Univ. of S. Calif., Los Angeles 7, Calif. **Past positions:** Grad. Asst., Geol. Dept., U. of Cincinnati; Instr., Geol. Dept., Miami U., Oxford, Ohio; Grad. Asst., Dept. of Geol., U. of California, Berkeley. **Areas known first-hand:** San Luis Valley, Colorado; southwestern Ohio. **Major interests:** geomorphology and geology. **Current research:** geology of the San Luis Valley, Colorado. (A)

LANTZ, ROBERT E. U. of Nebraska, B.S., M.A., Ph.D. (minor in geog.). District Superintendent of Schools, Corcoran, Calif. **Past positions:** Willamette U., Salem. (A)

LARSON, SARA. Knox Coll., Galesborg, Ill., A.B., 1917, Illinois State Normal U., Normal, Ill., B.E., 1927; U. of Chicago, M.S., 1942. Instr., Dept. Geog. and Geol., Kansas State Coll., Manhattan, Kans. **Address:** 1030 Thurston Ave., Manhattan, Kans. **Past positions:** Milwaukee State Teachers Coll., Milwaukee, Wis.; Florida State Coll. for Women, Tallahassee, Fla. **Areas known first-hand:** Corn Belt.

LASON, CATHERINE E. Syracuse U., A.B. East Syracuse High School, East Syracuse, N. Y. **Past positions:** 20 years' teaching H. S. Geog. at E. Syracuse H. S. (*)

LATENDRESS, HAZEL. Rhode Island Coll. of Education, B.Ed.; Clark U., M.A. Asst. Prof. of Geog., Livingston State Teachers College, Livingston, Ala. **Areas known first-hand:** parts of New England, Alabama. **Major interests:** political geog., S. A. **Current research:** regional work in Alabama, esp. the Black Belt.

LATHROP, HARRY O. Illinois State Normal U., B.Ed., 1914; U. of Chicago, M.S., 1922; U. of Wisconsin, Ph.D., 1930. Head of Geog. Dept., Illinois State Normal U., Normal, Ill. **Past positions:** Northern Arizona State Teachers Coll., Flagstaff; Head of Geog. Dept., State Teachers Coll., Whitewater. **Areas known first-hand:** U. S., esp. southern Wiscon-

sin, northern Arizona, and McLean County, Ill.; southeastern Canada. **Major interests:** geog. of N. A.; conservation of natural resources; political geog. **Current research:** a study of the changing landscapes of the Corn Belt.

LATTIMORE, OWEN. Dir., Page School of International Relations, The Johns Hopkins U., Baltimore 18, Md. **Areas known first-hand:** Manchuria; Mongolia; Sinkiang; China; parts of Siberia; Soviet Central Asia. **Major interests:** Sino-Russian frontier; China. **Current research:** Sino-Russian frontier.

LAW, HARRY L. State Teachers Coll., Murfreesboro, Tenn., B.S., 1937; George Peabody Coll., M.A., 1940. Prof. of Geog. and Geol., Austin Peay State Coll., Clarksville, Tenn. **Address:** 912 Richardson Street, Clarksville, Tenn. **Past positions:** elementary and high school principal. **Areas known first-hand:** Southeast, New England. **Major interests:** eastern U. S., economic geog., methodology. (A)

LAWTON, GRAHAM H. Melbourne Univ., B.A., 1934; B.Ed., 1936; U. of Oxford, England, M.A., 1941. **Address:** Dept. of Geog., U. of Washington, Seattle, Wash. **Past positions:** Instr., Eau Claire T. C., Lecturer, Univ. of Calif.; Canterbury Univ., Christchurch, N. Z. **Areas known first-hand:** New Zealand, Australia, British Isles. **Major interests:** regional geog. of Pacific, land utilization, historical geog.

LAWTON, RICHARD L. Marietta College, B.A., 1938. Department of Geog., Syracuse U., Syracuse 10, N. Y. **Major interests:** history of geog. and Caribbean area. (A)

LAZARCZYK, ELEANORE K. U. of Wisconsin, M.S., 1947. **Address:** 8606 W. National Ave., West Allis 14, Wisc.

LEATHERS, ROBERT L. Southern Ill. U., B.S. (Ed.), 1946, U. of Chicago, S.M., 1947. Asst. Prof. of Geog., Florida State U., Tallahassee, Fla. **Address:** 322 South 4th St., Aurora, Ill. **Areas known first-hand:** United States (Middle West, Southeast, Northeast), southeastern Canada, Mediterranean area, France, Germany and part of England. **Major interests:** southeastern U. S., conservation, cartography. **Current research:** geog. of Florida, preparation of description of world climatic belts and associated vegetation.

LeBLANC, DeNUX L. Louisiana State U., M.A., 1941. Research, Virginia Geographic Institute, U. of Virginia, Charlottesville, Va. **Past positions:** Asst. Prof., Northwestern State Coll., Natchitoches, La. **Areas known first-hand:** Gulf Coast, Midwest, eastern U. S., N. Mexico, Cuba, Europe and Mediterranean. **Major interests:** Europe and Mediterranean, regional and physical geog.

LEE, DOUGLAS H. K. U. of Queensland, M.Sc., 1927; U. of Sydney, D.T.M., 1933, M.D., 1940; F.R.A.C.P., 1942. Prof. of Physiological Climatology and Lecturer in Physiological Hygiene, School of Geog., Johns Hopkins U., Baltimore 18, Md. **Past positions:** Prof. of Physiology, U. of Queensland. **Areas known first-hand:** Australia, esp. Queensland, W. Australia; New Guinea; England; Pacific Islands; Malaya; Canada. **Major interests:** physiological climatology. **Current research:** physiological responses of man and animals to hot climates.

LEE, JAMES STEWART. U. of Illinois, B.A., 1940. Military Intelligence Research Analyst, Dept. of the Army. **Address:** Apt. A-2, 4629 S. 36th St., Fairlington, Arlington, Va. **Past Positions:** Teaching Asst., U. of Washington; Research Cartographer, Military Intell. Service, N. Y. **Areas known first-hand:** United Kingdom, China, Laurentian Shield area of Ontario, Illinois and West Lakes area. **Major interests:** economic esp. industrial geog.; cartoraphy.

LEESTMA, ROGER A. U. of Michigan, M.A., 1940. Asst. Prof., U. of Buffalo, Buffalo 14, N. Y. **Past Positions:** Asst. Prof., Mich. State Normal College, Ypsilanti, Mich. **Areas known first-hand:** U. S. **Major interests:** Africa, Australia, and economic geog. **Current research:** Dutch place names in Union of South Africa.

LeGEAR, CLARA EGLI (Mrs. Russell LeGear) George Washington U, A.B., 1930; M.A. in Library Science, 1936. Asst. Div. of Maps, Library of Congress. **Address:** 322 North Carolina Ave., S. E., Washington 3, D. C. **Past positions:** Div. of Maps, Library of Congress. **Major interests:** history of cartography; bibliography of cartography. **Current research:** Colonial American cartography.

LEIGHLY JOHN. U. of Michigan, A.B., 1922; U. of Calif., Ph.D. 1927. Prof., Dept. of Geog., U. of California, Berkeley 4, Calif.

LEIPOLD, LOUIS E. Duluth State Teachers Coll., B. E., 1939; Clark U., M.A., 1946. Geographer, General

Staff, Dept. of the Army. **Address:** 1500 New Hampshire Ave., N. W., Washington 6, D. C., **Past positions;** Instr. and Supt. public schools of Minn. Geographer, Office of Strategic Services. **Areas known first-hand.** Minn., Washington, D. C., and vicinity, Mass., Midwest. **Major interests:** physical geog. land utilization, human and cultural geog. **Current research:** military geog.

LEMARIE MINNIE E. Wheaton Coll. Norton, Mass., A. B., 1930; Clark U., M.A., 1932, Ph.D., 1935. Assoc. Prof. of Geog., Mt. Holyoke College, South Hadley, Mass. **Past positions:** Head, Dept. of Geog., State Teachers Coll., East Stroudsburg, Pa.; Instr., State Teachers Coll. La Crosse, Wisc. **Areas known first-hand:** Eastern U. S. and Canada, Argentina, Brazil, Uruguay, Caribbean and Central America, British Isles **Major interests:** Latin America; land utilization; climate. **Current research:** tropical agriculture and its geographic relationships.

LEMERT, BEN. F. Ohio State U. B.Sc. in Bus. Adm., 1927, M.A., in Geog., 1928; Columbia U., Ph.D., 1933. Assoc. Prof. of Economics, Duke U., Durham, N. C. **Past positions:** Instr. in Geog. Ohio State U.; Instr. in Phys. Geog., Columbia U.; Instr., Asst. Prof. in Geog, Duke U. **Areas known first-hand:** southeast Brazil; Uruguay; Argentina; Mexico; U. S., except New England; Southern Canada; Scotland; England; France; Spain; Morocco; Italy; Switzerland; western Germany; Netherlands. **Major interests:** economic geog. of Southeast U. S. and Mexico. **Current research:** economic analysis of Parras, Coahuila, Mexico; meteorological conditions on the Parras Basin, Coahuila, Mexico.

LEMONS, HOYT. U. of Nebraska, Ph. D., 1941. Dir., Geographic Research, Institute of Man, Office of the Quartermaster General **Address:** 4317 Ninth St., S., Arlington, Va. **Past Positions:** Expert Consultant, Off. of the Quartermaster General; Dir., Div. of Geog., Washington State Coll.; Asst. Prof., Oklahoma A. and M. Coll.; Junior Observer, U. S. Weather Bur. **Areas known first-hand:** Arctic N. A, Incl. northwest Greenland; Pacific Northwest, Southwest, Midwest. **Major interests:** economic geog., human and agricultural climatology, Arctic and Latin America. **Current research:** The Polar Eskimos of the Thule region, Greenland; the Columbia Basin irrigation project; climatic stress and clothing needs.

LEPLEY, GWENDOLYN. **Address:** 1514 1st Avenue, N., Fort Dodge, Iowa. (A)

LEPPARD, HENRY M. Queen's U., B.A.; U of Chicago, Ph.D. Prof., Dept. of Geog., U. of Chicago, Chicago, Ill. **Past Position:** Dept. of Geog., U. of Chicago. **Areas known first-hand:** western Europe, esp. British Isles; **Major interests:** cartography; western Europe; climatology. **Current research:** map projections by graphic methods.

LEVY, RENE N. Grand-Ducal Coll. of Luxembourg. 1934-1938; Cours Superieurs, Luxembourg, 1939, postgrad. work, U. of Illinois; Chief, Processing Section, U. S. Customs Group. **Address:** Transport Group, BICO, APO 757, c/o P. M., New York, N. Y. **Past Positions:** Research Analyst (transportation) and Military Geographer (France, Germany, Belgium, Netherlands), Office of Strategic Services; Geographer, Dept. of State and Dept. of Army. **Areas known first-hand:** W. Europe. **Major interests:** economic geog. of W. and Central Europe; transportation systems of W. Europe; political geog. of W. Europe. **Current research:** rehabilitation of German transport system; Ruhr area based on regional market trends.

LEWIS, GEORGE K. Harvard U., M.A., 1947. Student, Institute of Geographic exploration, 2 Divinity Ave., Cambridge, Mass. **Address:** 14 Wellington Ave., William 54, Mass.

LEWIS, HARLAND J. Mankato State Teachers Coll., B. Ed., 1933. **Address:** Gallaudet Coll., Washington 2, D. C. **Past Positions:** Instr. U. of Pittsburgh; W. Pa., School for the Deaf.

LEWIS, JOHN W. **Address:** 707 W. Dayton St., Madison, Wisc.

LIARD, THEODORE J. JR., Geographer, Dept. of Interior, Board of Geographic Names, Washington, D.C.

LIGHT, RICHARD UPJOHN. Yale U., Ph.D., 1924; Michigan U., M.D., 1928. President, The American Geographical Society. **Address:** 124 Bulkley St., Kalamazoo 49, Mich. **Past positions:** American College of Surgeons; A. T. Cabot Research Fellow, Harvard; AGS Councilor. (*)

LINDER, RUTH. U. of Illinois, B.S., 1926, M.A., 1928. Assoc. Professor of

geographic Education, Coll.. of Education, U. of Wyoming, Laramie, Wyo. **Areas known first-hand:** Wyoming, Colorado, Illinois, Mexico and Guatemala, W. Europe, **Major interests:** elementary teacher training in geog.

LINEHAN, URBAN J. Clark U., M.A., 1946. **Position:** Asst. Prof., Dept. of Geog, Catholic U. of America, Washington 17, D. C. **Past positions:** Instr., U. of Cincinnati; Instr., Asst. Prof., U. of Pittsburgh.

LINNIG, BEATRICE L. **Address:** 1426 21st St. N.W., Washington 6, D. C. (A) (*)

LLOYD, TREVOR. Bristol U., B. Sc., 1929; Dartmouth Coll., M.A. (Honorary), 1944; Clark U., Ph.D., 1940. Prof. and Chairman of Dept. of Geog., Dartmouth Coll. **Address:** Box 912, Hanover, N. H. **Past positions:** Asst. Prof. Carleton Coll.; H. M. Consul for Canada in Greenland; Chief, Geographical Bur., Dept. of Mines and Resources, Ottawa. **Areas known first-hand:** United Kingdom, Canada, West Greenland, northwest, western, and central Europe. **Major interests:** Arctic Regions, geog. in schools; geog. of international relations. **Current research:** geog. and administration of Greenland; teaching of grade school geog.

LOA, DAVID KAI-FOO. Clark U., Ph.D., 1944. Research Fellow, China Institute of Geography. 1 Soochow Road, Nanking, China. **Past positions:** Prof., Dept. of Geog., Sun Yatsen U., Canton; U. S. Army Map Service; Office of Strategic Services. **Areas known first-hand:** China. **Major interests:** climatology, geomorphology, geography of settlement. **Current research:** Yangtse Delta.

LOAR, CAROL SCHWARTZ. **Address:** Dept. of Geog., Hunter College, New York, N. Y. (A)

LOBECK, ARMIN K. Columbia U., A.B., 1911, M.A., 1913, Ph.D., 1917. Prof. of Geol., Columbia U., New York 27, N. Y. **Past positions:** Asst. and Assoc. Prof. of Geol. and Geog., U. of Wisconsin. **Areas known first-hand:** Puerto Rico; many parts of U. S.; 12 countries of Europe; parts Russia incl. Siberia; Canada and Alaska; Mexico; the Caribbean; Pacific area and parts of China. **Major interests:** regional geomorphology; regional geog.; cartography. **Current research:** geomorphology of Australia and the Pacific area.

LOGAN, MARGUERITE. U. of Chicago, S.M., 1930. Western Michigan College of Education, Kalamazoo 45, Mich. **Major interests:** Europe, Asia, Geographic Techniques. (*)

LOGAN, RICHARD F. Clark U., A.B., 1937, M.A., 1937; Harvard U., M.A., 1948, Ph.D., 1949. Asst. Prof., Dept. of Geog., U. of California, L. A. 24, Calif. **Past positions:** Geog. and Cartographer, Babson Institute; Asst. Supervisor, A.A.F. Mapping Courses, Franklin Institute, Boston; Instr., Yale U., Asst. Prof., Connecticut Coll. for Women; Teaching Fellow, Harvard U. **Areas known first-hand:** U. S. and E. Canada. **Major interests:** physiography, field techniques (physical and land-use mapping), weather and climate. **Current research:** land use mapping techniques; Cuyama Valley, Calif.

LONG, HARRIET RUTH. N. Y. State Teachers Coll., B.S., (Ed), 1933; Clark U., M.A., 1941. Ed. of Geog., Ginn & Co., Boston, Mass. **Past positions:** Assoc. Prof. of Social Studies, Mississippi State Coll. for Women, Columbus, Miss.; high sch. teacher, Buffalo, N. Y.; Aerial Photo Interpreter, Army Air Forces; Lt. (j. g.), U. S. Navy. **Areas known first-hand:** W. New York, S. Calif., New England, Canada. **Major interests:** human geog., interpretation of aerial photographs, geog. in education. **Current research;** geog. in the high schools and colleges of Mississippi.

LONG, ROBERT G. U. of Michigan, B.A., 1941; Syracuse U., M.A., 1943; Ph.D., Northwestern Univ., 1949. **Address:** Asst. Prof. of Geog., Dept. of Geol. and Geog., Univ. of Tennessee, Knoxville, Tenn. **Past positions:** Board on Geog. Names U. S. Navy. **Areas known first-hand:** eastern United States, Philippines, China, Brazil. **Major interests:** Latin America, economic geog. **Current research:** land utilization in middle Paraiba Valley, Brazil.

LORING, ROBERT D. Ohio U., A.B., 1947; Indiana U., M.A., 1948. Instr., Dept. of Geol. and Geog., DePauw U., Greencastle, Indiana. **Past positions:** Grad. Asst., Indiana U. **Areas known first-hand:** Southeastern Ohio. **Major interests:** regional studies and conservation. (A)

LOUNSBURY, JOHN F. U. of Illinois, B.S., 1942, M.S., 1946. Grad. Asst., Geog. Dept., Northwestern U., Evanston, Ill. **Past positions:** Staff member, U. of Illinois. **Areas known first hand:** Europe, western Illinois, southeastern Wisconsin. **Major interests:** economic and political geog. **Current research:** pop-

ulation and settlement; land utilization in Puerto Rico.

LUBRANO, ALICE T. Ecole Alsacienne, Paris, B. Lit., 1932, Ph.B., 1933. **Position:** Secretary to Dir. American Geographical Society, Broadway at 156th St., New York 32, N. Y. **Areas known first-hand:** eastern U. S., Europe. **Major interests:** Africa, economic and political Geog. **Current research:** economy of French Equatorial Africa.

LUDTKE, JEAN E. (Mrs. James B.). **Address:** 22 N. Gilbert, Iowa City, Ia. marketing. (A)

LUEBKE, B. H. Oregon State Coll., B.S., 1925; Kansas State Agri. Coll., M.S., 1926. Assoc. Agricultural Economist, U. of Tennessee, University Farm, Knoxville, Tenn. **Past positions:** Teaching agriculture, mission project of Methodist Church, Angol, Chile; teaching and research, Dept. of Agri. Economics, U. of Tenn. **Areas known first-hand:** Central Valley of Chile, Tenn. Ore., Wash. **Major interests:** economics, agricultural marketing. (A)

LUENINGHOENER, GILBERT. U. of Nebraska, M.S., 1934; Ph.D., 1947. Midland Collego, Fremont, Nebr.

LUKERMANN, FRED EMIL. Grad. Student, Dept. of Geog. U. of Minnesota, Minneapolis, Minn. (A)

LUSK, ANNA LAURA. **Address:** 35 Marlin Drive, W., Pittsburgh 16, Pa. (A) (*)

LYNN, LYMAN D. Major Air Force. **Address:** HQ., FEAF, A-2, APO 925, Box 144, c/o P. M., San Francisco, California. (A) (*)

LYONS HOPE. Howard U., A.B., 1928; Columbia U., M.A., 1931. Dept. of Geog., Miner Teachers Coll. Washington, D. C. **Address:** 1833 S. St., N.W., Washington, D. C. (*)

MACEWICZ, AGRIPPINA, Worcester (Mass.) Teachers Coll., B.S. in Ed.; Clark U., M.A., 1945. Research Asst., Clark U. **Address:** 30 Morningside Road, Worcester 2, Mass.

MacFADDEN, HERBERT CLIFFORD. U. of Michigan, A.B., 1937, M.A.. 1939, Ph.D.. 1948. Asst. Prof. of Geog., U. of California. Los Angeles 24, Calif. **Past positions:** M.I.S., Dept. of Army. **Areas known first-hand:** U. S., Canada. **Major interests:** economic geog. cartography. **Current research:** southern coastal Calif., land use and water supply.

MacGAW, BRADFORD K. **Address:** U. of Chattanooga, Chattanooga 3, Tenn.

MACHLIN, MARTHA. **Address:** 1900 F. St., N.W., Washington 6, D. C. (A) (*)

MACMILLAN COMPANY, THE, **Address:** 60 Fifth Ave., New York 11, N. Y. (see advertisement)

MAHARD, RICHARD H. Michigan State Normal, A.B., 1935; Columbia U., M.A., 1941, Ph.D., 1949. Acting chairman and asst. prof., Dept. of Geol. and Geog., Denison U, Granville, Ohio. **Areas known first-hand:** Yosemite and Glacier Nat. Parks, Arizona, Alaska, Appalachians. **Majro interests:** physical geog. and geomorphology. **Current research:** late Cenozoic chronology of the upper Verde Valley, Arizona.

MALCOLM, GEORGE S. **Address:** 1111 College Ave., Boulder, Colo. (A) (*)

MALIN, JAMES C. U. of Kansas, Ph.D., 1921. Prof. of History, U. of Kansas. **Address:** 1541 University Drive, Lawrence, Kansas. **Areas known first-hand:** grasslands of North America, esp. the central plains states. **Major interests:** history of the Trans-Mississippi West, with special referenece to agriculture and agricultural policy. **Current research:** grassland fuel, building materials, and housing; history of the Bluestem Pastures region.

MALMSTROM, Vincent H. **Address:** 718 North First Street, Ishpeming, Michigan.

MANCHESTER, CURTIS A., Jr. U. of Michigan, A.B., 1935, M.A., 1938, Ph.D., 1946. Assoc. Prof. and Chairman, Dept. of Geog. U. of Hawaii, Honolulu, T. H. **Past positions:** Teaching Fellow, U. of Mich., Visiting Lecturer, Stanford U. **Areas known first-hand:** Japan, Micronesia. **Major interests:** eastern Asia, Pacific Islands. **Current research:** Micronesia.

MANION, ESTHER A. Head Librarian, National Geographic Society, Washington, D. C. **Address:** 3114 19th St., N. W., Washington, D. C.

MANOVILL, ROBERT J. Cornell U., B.S., 1943; graduate work, American U. Advisor on Agricultural Policy, Dept. of Agriculture, Headquarters, U. S. Army Military Government in Korea. **Address:** 6519 Piney Branch Rd., N.W., Washington 12, D. C.

Past positions: Agricultural Economist, Office of Foreign Agricultural Relations, Dept. of Agriculture; Executive Asst., Dairy Industries Society. International, Washington. **Areas known first-hand:** central and eastern Europe, North America, including Cuba, Far East. **Major interests:** agricultural geography, comparative world agriculture; agriculture of Korea.

MAPES, CARL H. U. of Washington, B.A., 1922, M.S., 1931, Ph.D., 1943. Chief of Cartographic Research, Rand McNally and Co. **Address:** 2454 Pioneer Road, Evanston, Ill. **Past positions:** Salesman and Asst. Ed., Rand McNally and Co.; High School Teacher, Seattle Public Schools; Supervising Instr., Naval Flight Preparatory School; Research Geographer, Rand McNally and Co. **Areas known first-hand:** .Puget Sound Region; Pacific Northwest. **Major interests:** educational and general map editing; geog. in education; historical geog. **Current research:** cartographic history of American atlases.

MARGESON, GEORGE R. **Address:** 618 N. Washington Ave., Lansing 15, Mich. (A) (*)

MARKS, MARY E. Western Kentucky State Teachers Coll., A.B., 1927; U. of Chicago, M.S., 1931, Asst. Prof. of Geog., Western Kentucky State Coll., Bowling Green, Ky. **Past positions:** Instr., Western Michigan State Teachers Coll. **Areas known first-hand:** Midwest U. S. **Major interests:** teaching of element. geog.

MARMER, H. A. Rutgers U., B.Sc, 1907, M.S., 1930. Asst. Chief, Div. of Tides and Currents. U. S. Coast and Geodetic Survey, Washington 25, D. C. **Past Positions:** Tidal Mathmatician, Coast and Geodetic Survey. **Major interests:** tides; currents; sea level. **Current research:** recent changes in sea level; coasts of the U. S.

MARSCHNER, FRANCIS J. Agricultural Economist, Bur. of Agricultural Economics, U. S. Dept. of Agriculture, Washington. D. C. **Address:** 5013 14th St., N. W., Washington 11, D. C.

MARSH LETA L. George Peabody Coll. for Teachers, M.A., 1936. **Address:** 2705 4th St., Peru, Illinois.

MARSHALL, ETHEL. Instr.. Alabama Coll., Montevallo, Ala. (A) (*)

MARTIN. DOROTHY. Lake Forest Coll., A.B., 1925. Bloom Township H. S. **Address:** 2002 Euclid Ave., Chicago Heights, Ill., **Past Positions:** Stanford, Ill., H. S **Areas known first-hand:** Europe, Mexico, Canada, United States. **Major interests:** economic geog. (A)

MARTIN, ELWYN L. U. of Michigan, M.S., 1942; Ph.D., 1949. **Address:** 1325 Kensington Ave., Ann Arbor, Mich.

MARTIN, HOWARD H. U. of Pennsylvania, B.S., 1922; George Washington U., A.M., 1923, Ph.D., 1929, Sc.D. (Honorary), 1937, Monmouth Coll. Prof. and Exec. Officer, Dept. of Geog., U. of Washington, Seattle, Wash. **Past positions:** Asst. Prof. U. of Cincinnati. **Areas known first-hand:** western U. S., esp. Pacific Northwest; W. Europe, esp. France; Far East, esp. Japan. **Major interests:** economic geog.; urban geog. Asiatic-Pacific area. **Current research:** Far East; urban geog.

MARTIN, LAWRENCE. Cornell U., A.B., 1904; A.M., 1906; Harvard U., Ph.D, 1913. Honorary Consultant in Geog., Library of Congress. **Address:** 3126 38th St., N. W., Washington, 16, D. C. **Past Positions:** Asst. in Geol. Cornell U.; Asst., Instr., Asst. Prof., Assoc. Prof., U. of Wisconsin; Geographer in U. S. Army and Office of Strategic Services; Geographer, Dept. of State; Chief, Div. of Maps and Incumbent, Chair of Geog., Library of Congress. **Areas known first-hand:** much of N. A. and Europe; Turkey; Syria; Mexico. **Major Interests:** physiography; glacial geol.; state and international boundaries. **Current research:** Antarctic discovery, exploration, and sovereignty.

MARTIN ROBERT L. Middle Tennessee State Coll., B.S.. 1931; George Peabody Coll., M.A., 1935, Ph.D.. 1941. Professor, Social Science, Middle Tenn. State Coll., Murfreesboro, Tenn. **Past positions:** Central State Coll., Edmonds, Okla., Southeast Missouri State Coll., Cape Girardeau, Mo. **Areas known first-hand:** Central Basin of Tenn., Sequatchie Valley, Tenn. **Major interests:** economic Geog., climatology, human geog.

MARTS, MARION E. U. of Washington, B.A., 1937, M.A., 1944; Northwestern U. Instr., Dept. of Geog., U. of Washington. Seattle 5. Wash. **Past positions:** Business Manager, School of Drama, U. of Wash.; photographic interpreter and aerology instr., U. S. Navy; Geog., U. S. Bur of Reclamation. **Areas known first-hand;** Pacific N. W.; Pacific Islands; Chicago and vicinity. **Major interests:** regional

geog. of W. Anglo-America; econ. geog.; mountain geog. **Current research:** measurement of indirect effects of irrigation (Ph.D. research); mountain economies.

MASON, CAROL Y. Wellesley Coll., B.A., 1924; Clark U., M.A., 1925, Ph.D., 1936. Assoc. Prof. Dept. of Geog. U. of Tulsa, Tulsa 4, Oklahoma. **Past positions:** Asst., U. of Illinois; Instr., Asst. Prof., Milwaukee-Downer Coll.; Assoc. Prof., Northwest Missouri State Teachers Coll., Maryville. **Areas known first-hand:** much of U. S., Great Britain, France, Italy, parts of Asia, Africa, and South America. **Major interests:** weather and climate; water supplies; political geog. **Current research:** water supplies (Tulsa and other places, with special reference to industrial uses).

MASSIP, SALVADOR. U. of Habana, Doctor en Filosofia y Letras, 1915; Columbia U., M. A., 1922. Prof. of Geog., U. of Habana and Prof. of Geog., Escuela Superior de Guerra of Cuba. **Address:** Facultad de Filosofia y Letras, Universidad de la Habana, Cuba. **Past positions:** Prof. of Geog., U. of Mexico; exchange Prof., U. of Miami, Coral Gables; Visiting Prof., Smith Coll.; Visiting Prof., Northwestern Univ.; visiting Prof. Univ. of Texas. **Areas known first-hand:** Cuba. **Major interests:** geog. of Cuba; geog. of the Caribbean; geomorphology. **Current research:** geog. of Cuba.

MASSON, HELEN B. George Washington U., M.A., 1935. **Address:** 1249 Tallbert St., Anacostia, Washington 20, D. C. (A) (*)

MASTEN, FLOYD E. Syracuse U., B.S. 1928. Attache American Legation, Vienna, Austria. **Address:** Pleasant Valley, New York. **Past positions:** Curator of Maps, U. of Chicago; Librarian, Army Map Service; Office of Strategic Services in China and India; Dept. of State. **Areas known first-hand:** China, India, Middle East, Austria. **Major interests:** cartographic bibliography economic geog. **Current research:** cartographic bibliography.

MATHER, EUGENE. U. of Illinois, B.A., 1940, M.S., 1941. Asst. Prof., Dept. of Geog. and Geol, U. of Georgia, Athens, Georgia. **Past positions:** Grad. Asst. Acting Instr., instr., U. of Wisc.; Army Map Service, Office of Strategic Services. **Areas known first-hand:** Canada, United States, N. Mexico. **Major interests:** range lands of western U. S. and the northern coniferous forest of Canada.. **Current research:** beef cattle industry of the Nebraska Sand Hills (Ph.D., dissertation); marketing of cattle from the western range lands.

MATHER KIRTLEY F. Prof. of Geol., Dept. of Geol. and Geog., Harvard U. **Address:** Geological Museum, Oxford St., Cambridge 38, Mass.

MATHIS, WILLIAM FRANK. Student, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Past positions:** U. S. Navy. **Areas known first-hand:** visited principal world ports in naval service. **Major interests:** cartography, area analysis. (A)

MAXFIELD, O. ORLAND. George Peabody Coll. for Teachers, B.A, 1945; Ohio State U., M.A., 1946. Instr., Dept. of Geog., U. of Arkansas, Fayetteville, Ark. **Past positions:** Grad. Asst. Ohio State U. **Areas known first-hand:** U. S. **Major interests:** urban geog. S. Europe, N. A. **Current research:** geog. of Arkansas; the geog. factor in American literature. (A)

MAYER, HAROLD M. Northwestern U., B.S., 1936; Washington Univ. St. Louis, M.S., 1937; U. of Chicago, Ph. D., 1943. Dir. of Research. Chicago Plan Commission, City Hall, Chicago, Ill. **Past positions:** Zoning Specialist, Chicago Land Use Survey; Research Planner, Chicago Plan Commission; Geographer, Office of Strategic Services; Chief, Div. of Planning Analysis, Philadelphia City Plan. Com. **Areas known first-hand:** Principal U. S. cities, esp. Chicago and Philadelphia; Canada. **Major interests:** city planning; urban geog.; transportation. **Current research:** direction of geographic, economic, and social research relating to planning in Chicago, for offical city planning agency.

MAYFIELD, SAMUEL M. Berea Coll., A.B., 1923; U. of Chicago, Ph.D., 1932. Chairman and Prof., Dept. of Geog. and Geol., Bowling Green, State U. Bowling Green, Ohio. **Past positions:** Berea Coll.; Intermountain Coll.; Linfield Coll.; Asst. State Geologist of Kentucky. **Areas known first-hand:** Kentucky, Ohio, Montana, Wisconsin, northern Illinois, Ozarks. **Major interests:** physiography, travel, teaching geology.

MILES, EDWARD J. **Address:** Dept. of Geog., Syracuse U., Syracuse, 10, N. Y. (A) (*)

MILLER, DAVID H. U. of California at L. A., A.B., 1939, M.A., 1944, Po-

sition: Asst. Chief, Processing and Analysis Unit, Cooperative Snow Investigations, Corps of Engineers—Weather Bureau. **Address:** South Pacific Division, Corps of Engineers, Oakland Army Base, Oakland 14, Calif. **Past positions:** Research Librarian, Lockheed Aircraft Corp.; Meteorologist, Corps of Engineers, San Francisco and Salt Lake City; Sr. Meteorologist, Transcontinental and Western Air, Kansas City; Geog. climatologist, Office of Quartermaster General. **Areas known first-hand:** Pacific Coast; Basin and Range states; Midwest; Eastern U. S. **Major interests:** climatology and hydrology; urban and econ. geog. **Current research:** analytical program of the Cooperative Snow Investigations, comprising some 50 general problems in snow hydrology and climatology; studies in urban population, growth and functional structure.

MILLER, ELBERT E. U. of Washington, M.A., 1947. **Address:** Dept. of Geog., U. of Utah, Salt Lake City, Utah. (*)

MILLER, E. WILLARD. Clarion. P. State Teachers Coll., B.S., 1937; U. of Nebraska, A. M., 1939; Ohio State U., Ph.D., 1942. Chief, Div. of Geog., The Pennsylvania State Coll., State College, Pa. **Past Positions:** Ohio State U.; Western Reserve U.; Office of Strategic Services. **Areas known first-hand:** eastern and midwestern U. S.; south and central Alaska. **Major interests:** economic and physical geog. **Current research:** environmental studies on Alaska, Studies on world resources and manufacturing.

MILLER, GEORGE J. U. of Chicago, S.B., 1907, M.S., 1909; Mich. Normal Coll., D. Ed., 1948. Prof. Dept. of Geog., Indiana U., Bloomington, Ind. **Past positions:** U. of Chicago; State Teachers Coll., Mankato, Minn. **Areas known first-hand:** U. S. and Canada; W. Europe; England. **Major interests:** economic geog.; geog. of N. A. **Current research:** geog. of N. A.

MILLER, HAROLD VINCENT. Ball State Teachers Coll., B.S., 1932; U. of Chicago, M. S., 1934. Executive Director, Tenn. State Planning Commission. **Address:** 2003 Blair Blvd., Nashville, Tenn. **Past position:** Tenn. Valley Authority. **Areas known first-hand:** eastern and central U. S.; Ontario, Canada. **Major interests:** aerial photo interpretation; regional and city planning; economic and industrial development. **Current research:** developmental programs in city and regional planning, including statewide resource development.

MILLER, HAZEL V. U. of Iowa, A.B.; U. of Nebraska, M.A., **Permanent address:** 618 Grant St., Iowa City, Iowa. **Past Positions:** Cartographic Res. Rand McNally & Co. Research Asst. to Meteorologist Harvard U., Canton, Mass.; Jr., Computer, Dept. of Terrestrial Magnetism, Carnegie Inst., Washington, D. C., Army Map Service, Board on Geog. Names, Coast and Geodetic Survey.

MILLER LEROY C. George Peabody Coll. for Teachers, Ph.D., 1937. **Address:** E. Stroudsburg Teachers College, East Stroudsburg, Pa.

MILLER, O. M. Dept. of Survey and Maps, American Geographical Society, Broadway at 156th St., New York 32, N. Y. (*)

MILLER, PAUL T. **Address:** Arizona State College, Tempe, Ariz. (*)

MILLER, REX C. U. of Nebraska, B.S., 1942; M.A., 1947. **Address:** Grad. School of Geog., Clark U., Worcester, Mass.; Bloomfield, Iowa. **Past positions:** Grad. Asst., U. of Nebr.; public school teacher; army meteorologist. **Areas known first-hand;** U. S. except southeast; Alaska. (A)

MILLER, ROBERT A. Southeast State Coll., Durant, Okla., B.S., 1943; Okla., A. & M. Coll., M.S., 1948. Inst., Geog., N. Texas, State Coll., Denton, Tex. **Address:** 415 W. Sycamore, Denton, Tex. **Areas known first-hand:** Southwest U. S. **Major interests:** cartography. **Current research:** agricultural regions of the S. W. (A)

MILLER, ROBERT H. **Address:** 315 Market St., Lemoyne, Pa. (*)

MILLER, WILLIS HAMILTON. U. of California (L. A.), A.B., 1929; U. of Chicago, S.M., 1931, Ph.D., 1933. Chief, Planning Div., San Diego County Planning Department. **Address:** 4366 Altamirano Way, San Diego 3, Calif. **Past positions:** Asst. Research Technician, Natural Resources Planning Bd.; Instr., Los Angeles City Coll.; Sec. and Chief Technician, California State Plann. Bd. Chief of Research U. S. Veterans Administration. **Areas known first-hand:** Pacific Southwest; Western Lakes; North Atlantic Seaboard. **Major interests:** economic geog.; political geog.; regional planning. **Current research:** foreign trade; Master Plan for San Diego County.

MILLS, DOROTHY W. Wilson Teachers Coll., Washington, D. C., B.S., 1942. Photo Interpreter, U. S. Air Force. **Address:** 4812 7th St., N. W., Washington 11, D. C. **Areas known first-hand:** U. S., esp. Va., and D. C. **Major interests:** photo interpretation.

MINER, STEWART W. Oswego State Teachers Coll., B.E., 1946. A.M., Syracuse U., 1948. **Address:** 619 School of Business, Columbia U., New York 27, N. Y.; permanent, 98 Sunnyside Blvd., Dumont, N. J. **Past positions:** Grad. Asst., Syracuse U. (A)

MINOGUE, JAMES A. State Teachers Coll., Duluth, Minn., B.E., 1934; Clark U., M.A., 1936. Geographer, Dept. of the Army. **Address:** 704 South Overlook Dr., Alexandria, Va. **Past positions:** Geographer, State Planning Commission, Jackson, Miss.; Map Curator, National Archives; U. S. Navy, Hydrographic Office (military service). **Areas known first hand:** New England, upper Lakes, southeastern, and western states, Alaska, Canada, Newfoundland, Labrador, Greenland. **Major interests:** military geog., urban geog., cartography. **Current research:** military geography.

MITCHELL, LORAINE. **Address:** 227 S. Campbell, East Lansing, Mich. (A) (*)

MITCHELL, WILLIAM B. Syracuse U., B.A., 1947. M.A., 1948. Instr., Dept. Sociology and Anthrop. City Coll. of New York, 325 W. 93rd St.. New York 25, N. Y. **Past positions:** Grad. Asst., Syracuse U. **Areas known first-hand:** Calif., Trinidad, S. A., N. Africa, Italy. **Major interests:** human geog., cartography, photo - interpretation. **Current research:** human geog. aspects of New York. (A)

MOBERG, WENSEL W. Clark U., A.B., 1939, M.A., 1942. Asst. Prof. of Geol. and Geog., North Dakota Agricultural Coll., State Coll. Station, Fargo, N. D. **Past positions:** Cartographer and Geographic Analyst, War Dept., G-2. **Areas known first-hand:** New England, W. Minnesota, N. Dakota, South Central Canada. **Major interests:** N. A. economic geog., cartography. **Current research:** atlas of N. Dakota maps.

MOENGEN, ANNA. U. of Minnesota, B.S., 1940. Technical Vocational H. S., Hammond, Ind. **Address:** 124½ Sibley St., Hammond, Indiana. **Past positions:** Little Falls, Minn., Aberdeen, S. Dak. **Areas known first-hand:** much of U. S. and Canada. (*)

MOKE, IRENE. U. of Nebraska, Ph.D. **Address:** Assoc. Prof. and Chairman, Dept. of Geog., Univ. of Arkansas, Fayetteville, Ark. **Past positions:** Oberlin Coll., U. S. Dept. of Agriculture.

MONIER, ROBERT B. **Address:** 870 Lancaster Ave., Syracuse 10, N. Y. (A) (*)

MOORE, MARILYN. U. of Missouri, A.B. **Address:** Dept. of Geog., Northwestern U. Evanston, Ill. (A) (*)

MOORMAN, MRS. MILDRED PRINZING. U. of Minnesota, B.S., 1927. Regional Geographer, Board on Geographical Names. **Address:** 6372 Ridge Dr., Washington 16, D. C. **Past positions:** researcher, writer, and editor, Columbia University Press chiefly on Columbia Encyclopedia. **Current research:** geographical name problems in European and Asiatic countries.

MORRIS, JOHN W. U. of Oklahoma, B.S., 1930; Oklahoma A. & M., M.S., 1934; George Peabody Coll., Ph. D., 1941. **Position:** Assoc. Prof. Dept. Geog., U. of Oklahoma, Norman, Okla. **Past position:** Inst., Seminole Jr. Coll.; Prof., Southeastern State Coll., Durant, Okla.; Lt. Com. U. S. Navy. **Areas known first-hand:** Southern U. S. Pacific Islands. **Major interests:** educational geog., S. E. Asia and Pacific Islands. **Current research:** Ouachita Mt. region, Lagayan Valley, Philippine Is.

MORRISON, PAUL CROSS. Ohio State U., B.S., 1928, M.A., 1933; Clark U., Ph.D., 1941. Assoc. Prof. of Geog., and Asst. to the Dean, School of Science and Arts, Dept. of Geol. and Geog., Michigan State Coll., East Lansing, Mich. **Past positions:** Half-time Instr., Ohio State U.; Michigan State Coll.; Fellow, Clark U. **Areas known first-hand:** Lower Lakes area; New England; Costa Rica; Guatamala; Yucatan; Mexico. **Major Interests:** economic geog.; Latin America; N. A. Great Lakes Region. **Current research:** land utilization in Turrialba Central District, Costa Rica; paper on Kelley's Island, Ohio.

MOSES, PROF. C. F. **Address:** Dept. of Geol. and Geog., Muskingum College, New Concord, Ohio.

MOSHER, JOHN G., Jr. U. of Illinois, B.A., 1938, M.A., 1946. Prof. of Geog., State Teachers College, River Falls, Wisc. **Past positions:** U. S. Navy,

Aerographer. **Areas known first-hand:** U. S.; Ontario, Canada; N. Mexico; Hawaiian Islands; former Japanese Mandate islands. **Major interests:** regional geog.; meteorology; history. **Current research:** geog. of the Pacific Area; tropical meteorology.

MOSS, MILTON. U. of Pittsburgh, A.B., 1942, M.L., 1947. Intelligence Specialist. Engineer Research Div., Area Intelligence Br. **Address:** 811 Mt. Vernon Place, N.W., Washington, D. C. **Past positions:** Veterans Administration. **Major interests:** political, economic and regional geog. (A)

MOULTON, BENJAMIN, Clark U., A.B., 1939; Butler U., M.S., 1941; Indiana U., M.A., 1945. Asst. Prof. Head, Dept. of Geog., Butler U., Indianapolis, Ind. **Past positions:** Instr., Butler U.; Asst. Prof., Florida State Coll.; Instr., Western Reserve U. **Areas known first-hand:** Eastern U. S. **Major Interests:** physical and urban Geog. **Current research:** Indianapolis.

MOUNTEER, LAURA ANN (Mrs.) Student, Mich. State Coll. **Address:** 816-C Birch Road, East Lansing, Mich. **Areas known first-hand:** Michigan, Florida, S. Dakota and St. Lawrence Valley. **Major interests:** cartography and Alaska. (A)

MOYER, C. JOSEPHINE. Clark U., B.E., 1934; U. of Pennsylvania, M.S., 1941. Acting Head, Dept. of Geog., State Teachers Coll., Kutztown, Pa. **Past positions:** Public Schools, Reading. Pa.; Head, Dept. of Ed. Museum and Art Gallery, Reading, Pa. **Areas known first-hand:** much of U. S.; Germany, Denmark, England. **Major interests:** teaching of geography, esp. use of sensory aids; ethnography; urban geog. (A)

MROSE, MARY E. Boston U., M.A., 1944. **Address:** 546 Newbury St., Boston, Mass. (*)

MULLINAX, PAUL E. **Address:** 6105 Ridge Drive, N. W., Washington 16, D. C. (A) (*)

MUNGER, EDWIN S. U. of Chicago, B.S., 1947, M.S., 1948. **Position:** Grad. student, U. of Chicago. **Address:** c/o Dept. of Geog., Makerere College, Uganda, E. Africa. **Areas known first-hand:** Europe, West Indies, Africa. **Major interests:** Africa, West Indies, audio-visual techniques. **Current research:** use of maps in motion pictures.

MURPHY, RAYMOND E. Missouri School of Mines, B.S., 1923; U. of Wisconsin, M.S., 1926; Ph.D. 1930. Prof. of Economic Geog., School of Geog., Clark U., Worcester 3, Mass. **Past positions:** Instr. in Geol., U. of Kentucky; Instr. in Geog. and Geol., Concord State Teachers Coll.; Asst. Assoc. Prof. and Prof., Div. of Geog., School of Mineral Industries, The Pennsylvania State Coll.; Prof. of Geog., U. of Hawaii. **Areas known first-hand:** Eastern U. S., esp. Pa.; northern Wis.; Hawaiian Islands; Micronesia. **Major interests:** economic geog.; regional geog. of Micronesia; urban geog. **Current research:** various phases of the geog. of the eastern Caroline Islands of Micronesia.

MURPHY, ROBERT CUSHMAN. Chairman, Dept. of Birds, Amer. Museum of Natural Hist., 79th St. and Central Park West, New York 24, N. Y. **Areas known first-hand:** many islands of the Atlantic and Pacific Oceans in both Northern and Southern Hemispheres; most of coastal South America; New Zealand; subantarctic latitudes in both the American and New Zealand Quadrants, including South Georgia; most of the U. S.; N. Mexico; S. Canada; N. and W. Europe. **Major interests:** zoogeography; oceanography in its biological aspects; life histories, behavior, systematics, and distribution of marine birds. **Current research:** chiefly on oceanic birds and on the impact of human settlement upon nature in New Zealand.

MUTO, KATSUHIKO. Tokyo Imperial U. Dr. Sci., 1938. Director, the Japanese Geographical Survey Bureau, Chiba, Japan. **Past positions:** Land Survey Dept. **Areas known first-hand:** former Japanese Empire, North China, Manchuria. **Major interests:** geodesy. **Current research:** deviation of plumb lines; determination of the shape Geoid in and near Japan.

MYATT, WILFRED GERVAIS. U. of Washington, B.A., 1946. Assoc. Prof., Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Past positions:** Asst. Prof., U. of Alberta; Teaching Fellow, U. of Washington, Military Service, Canadian Artillery, European and Mediterranean Theaters. **Areas known first-hand:** Canada (Prairie Provinces); W. Europe; N. Africa, **Major interest:** Canada, Alaska, Africa; military geog. **Current research:** urban studies of Saskatoon.

McBRIDE, GEORGE M. Ecuador-Peru Boundary Demarcation Commission. **Address:** c/o American Em-

bassy, Quito, Ecuador. (Prof. of Geog., U. of Calif., Los Angeles.)

McBRYDE, F. WEBSTER. Tulane U., B.A., 1930; U. of California (Berkeley), Ph.D., 1940. Geographer, consultant, and Senior Census Bur. Repr. to Ecuador, c/o American Embassy, Quito, Ecuador. Lecturing Prof., U. of Maryland, 1949. **Address:** Office of Coordinator. Intern'l. Statistics, Bur. of Census, Washington 25, D. C. **Past positions:** Fourth Tulane Expedition across Central America; Fellow. U. of Colorado; Fellow, Clark U. (in Guatemala with Carnegie Inst., 2nd semester); N. Utah expedition, U. of Utah-Smithsonian; Asst., Tulane, Mid. Amer. Research Dept.; Fellow, Univ. of Calif. (Berkeley); Social Science Res. Counc. Fellow in Central America and Calif.; Instructor, Ohio State U., Geographer, MID, War Dept. Director, Peruvian office, Inst. Social Anthropology of Smithsonian Institute. **Areas known first-hand:** Gulf area, Rockies, Pacific Coast, Great Lakes Region, New England, Mexico, and Central America, Peru, Ecuador, Bolivia and other S. A. countries.

McCARTY, HAROLD, H. U. of Iowa, B.S., 1923, Ph.D., 1929. Prof. and Chairman, Dept. of Geog., U. of Iowa, Iowa City, Iowa. **Areas known first-hand:** U. S.; Canada. **Major interests:** economic regional and Industrial geog. **Current research:** economic geog. of U. S.

McCLURE, RUSSELL S. Stanford U., A.B., 1937, U. of Washington, M.A., 1939, Grad. work, Ohio State U. United States Representative on Central Rhine Commission, Chief, Transportation Section, Office of the Special Representative, ECA, Paris. **Address:** 2 Rue St. Florentin, Paris 1, France. **Past positions:** Asst., Ohio State U., Department of State, Office of Strategic Services, U. S. Navy, Transport Attache, American Embassy, Paris. **Areas known first-hand:** U. S., Canada, Europe. **Major interests:** Transportation Geography.

McCONNELL, WALLACE ROBERT. U. of Illinois, A. B.; U. of Wisconsin, A.M., 1917; Clark U., Ph.D., 1925. Professor of Geog., Miami U., Oxford, Ohio. **Address:** 402 East Withrow Ave., Oxford, Ohio. **Past positions:** Chicago High Schools; Head, Dept. of Geog., State Teachers Coll., Platteville, Wis.; Prof., Miami U., since 1918. **Areas known first-hand:** Coastal lands in Southern California, the Central South, The Ohio Valley, Europe including U.S.S.R. **Major interests:** political geog., Geog. interpretation of the American way of life, geog. in education. **Current research:** compiling a geog. for secondary schools, material for geog. films.

McCUNE, SHANNON. Coll. of Wooster, B.A., 1935; Syracuse U., M.A., 1937; Clark U., Ph.D., 1939. Assoc. Prof. and Head, Dept. of Geog., Colgate U., Hamilton, N. Y. **Past positions:** Instr. and Asst. Prof., The Ohio State U.; Economic Analyst, Foreign Economic Admin. **Areas known first-hand:** Korea; China, India, Ceylon, Japan, southeast Asia, Near East, Europe, and U. S. **Major interests:** geog. of Monsoon Asia, particularly Korea. **Current research:** problems in the geog. of Monsoon Asia; historical geog. of the Chenango Valley, N. Y.

McDOWELL, HORACE C. **Address:** Dept. of Geog., U. of Nebraska, Lincoln 8, Neb. (A) (*)

McGAUGH, MAURICE E. U. of Kansas, B.S., 1939, M.A., 1941. Asst. Prof., Dept. of Geog., Central Michigan Coll., Mt. Pleasant, Mich. **Address:** 1007 South Main St., Mt. Pleasant, Mich. **Past positions:** Asst. Instr. in Geog., Geol. and instr. Extension Division, U. of Kansas; Instr. Southwest Missouri State Coll., Springfield, Mo.; Instr., U. of Kansas, Fellow, U. of Chicago. **Areas known first-hand:** Great Plains, central U. S. and Central Mich. **Major interests:** regional geog. of the U. S., cartography, settlement of north-central U. S. **Current research:** settlement of the Saginaw Basin, Mich.

McGIRR, MABEL. U. of Pittsburgh, B.S., Ltt. M. Teacher, secondary schools, Pittsburgh, Pa., **Address:** Geog. Dept., Florida State U., Talahassee, Fla. **Past positions:** Teacher, Pittsburgh, Pa., San Diego, Calif. **Areas known first-hand:** W. Pennsylvania, S. California, Middle West. **Major interests:** U. S., economic geog., teaching methods in geog. **Current research:** use of free commercial films in teaching geog.

McGRAW-HILL BOOK CO., Inc. **Address:** 330 W. 42nd St., New York 18, N. Y. (see advertisement)

McINTYRE, MICHAEL P. **Address:** Dept. of Geog., Geol., Kent State U., Kent, Ohio.

McMILLION, OVID MILLER. Ohio U., A.B., 1930; George Peabody Coll. for Teachers, M.A., 1934. Instr. of Geog., Wilson Teachers Coll. Ad-

dress 3155 Mt. Pleasant St., N. W., Washington, D. C. **Past positions:** W. Va. public elementary schools; Ariz. public schools; Fairbanks High School, Alaska; Head, Dept. of Geog., Concord State Teachers Coll., Athens, W. Va., Military Intel., War Dept., Major, A. U. S.; visiting Instructor, John Hopkins University. **Areas know first-hand:** Alaska, Europe, Canada, Mexico, Cuba, Philippine Islands, Japan. **Major interests:** economic geog., political geog., human geog. **Current research:** Alaska, Japan.

McMURRY, JOHN HITCHCOCK. U. of Michigan, A. B., 1942; M.P.A., 1947. Teaching Fellow, Dept. of Geog., U. of Michigan, Ann Arbor, Mich. **Past positions:** Asst., Geog. Camp, U. of Mich.; Instr. Dept. of Geog., Mich. State Coll., E. Lansing. **Areas known first-hand:** Michigan, Philippines, Japan, Central America. **Major interests:** geog., geol., conservation. **Current research:** state land acquisition in Mich.; Great Lakes fisheries.

McMURRY, KENNETH C. Prof. and Head, Dept. of Geog., U. of Michigan, Ann Arbor, Mich. **Address:** Rural Route 5, Ann Arbor, Mich.

McPHILIMY, HARRY S., Jr., **Address:** 4330 N. Fairfax Drive, Arlington, Va. (A)

McPHILIMY, ROBERT W. State Teachers Coll., Indiana, Pa., B.S., 1933; U. of Michigan, M.S., 1940. Lincoln Jr. High School, Wyandotte, Mich. **Address:** 1841 18th Street, Wyandotte, Mich. **Past positions:** Aliquippa, Pa., H. S. **Areas known first-hand:** U. S. **Major interests:** U. S. and S. A.

McSWEENEY, EUGENE F. **Address:** 355 Fourth Ave., New Kensington, Pa.

McWENIE, MARY W. Columbia U., M.A., 1925. Editorial Assistant, Allyn and Bacon. Box 542, Port Washington, New York.

MEASAMER, MURRAY B. U. of Tennessee, A. B.; George Peabody Coll. for Teachers, Ph.D. **Address:** Box 527, Huntsville, Texas. (*)

MEIGS, PEVERIL. U. of California, A.B., 1925, PhD., 1932. Geographer, Office of Quartermaster General. **Address:** Vienna, Va. **Past positions:** Geog. Prof., State Coll., Chico, Calif.; Geographer, Office of Strategic Services. Joint Intelligence Study Publishing Bd. (Editor-in-Chief) Analyst, Arctic Institute. **Areas known first-hand:** California; New England; D. C. area; Louisiana; Baja, Calif., Mexico. **Major interests:** economic geog.; historical geog.; climatology; regional geog. **Current research:** subartic anthropogeog.; plant geog.

MELLIS, ALAN ROY. Graduate, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Past positions:** Naval Service. **Areas known first-hand:** Pacific N.W., Hawaiian Islands, S.W. Pacific. **Major interests:** area analysis. (A)

MELTZER, SAM. Northwestern U., B.S., 1947. Geographer, Bureau of the Census. **Address:** 3458 Pennsylvania Ave., S.E., Washington 20, D. C. **Areas known first-hand:** much of U. S., parts of W. Europe, Philippine Islands. **Major interests:** urban patterns, regional planning, land utilization. (A)

MELVIN, ERNEST E. W. Illinois State Teachers Coll., B.S., 1947. Syracuse U., M.A., 1949. Grad. Asst. Dept. of Geog. Northwestern Univ., Evanston, Ill. **Areas known first-hand:** Iowa, Wisc., New York State, Illinois, Pacific Basin. **Major interests:** physical, economic, urban, and educational geog; Middle East. **Current research:** siting of Elementary Schools in Waukesha, Wisc.

MENCHINI, MABEL. **Address:** 82 Monadnock Rd., Worcester, Mass. (A)

MENDENHALL, WALTER C. Retired Dir. U. S. Geological Surv. **Address:** 9 East Lenox St., Chevy Chase 15, Md.

MERRELL, RICHARD H. **Address:** Dept. of Geog., Penn. State College, State College, Pa.

MERRIAM, FREDERICK S. Clark U., A.B., 1939, MA., 1946. Geographer, Financial Dept., Pan American Airways, Inc., N. Y. **Address:** 34 Bank St., New York, N. Y. **Past positions:** Cartographer, Military Intelligence Service; Cartographic Engineer, U.S. Coast and Geodetic Service.

MERRIAM, WILLIS B. U. of Washington, B.S., 1931, M.S., 1933, Ph.D., 1945. Asst. Prof., Dept. of Geog, State Coll of Washington, Pullman, Wash. **Past positions:** Instr., E. Wash. Coll. of Education, Cheney; Asst. Prof., Oregon Coll. of Education, Monmouth; Asst. Prof., U. of Oregon, Eugene. **Areas known first-hand:** N.A., esp. Alaska and Pacific N. W. **Major interests:** conservation, political geog., historical geog.

of N.A. **Current research:** Pend Oreille Lake District of N. Idaho; Hell's Canyon or the Snake R., Ore.; Rogue R. Region, S.W. Ore.

MERRILL, MRS. J. H. **Address:** 1714 Jefferson Park Ave., Charlottesville, Va. (A) (*)

METZ, THEODORE F. (Lt. Col.) **Address:** 145 Ivanhoe St., Washington 20, D. C. (A) (*)

MEWHA, ALAN P. Columbia U., M.A., 1942. **Address:** Faulk Road, Boothwyn, Pa. (*)

MEYER, ALFRED H. U. of Illinois, A.B., 1921, A.M., 1923, U. of Michigan, Ph.D., 1934. **Position:** Prof. of Geog. and Head of Dept. of Geog. and Geol., Valparaiso U., Valparaiso, Ind. **Areas known first-hand:** Baraboo, Wis.; Isle Royale, Mich.; northwest Ind. **Major interests:** political geog; geog. of current affairs; geographic planning. **Current research:** Calumet Region of northwest Ind.

MEYER, LYDIA L. Ohio Wesleyan U., A.B., Ohio State U., M.A. Teacher, South H. S., Columbus, Ohio. **Address:** 50 W. Weber Road, Columbus, Ohio. **Areas known first-hand:** U. S., Canada, Europe and Cuba. **Major interests:** conservation, teaching, vocational training, and farming.

MEYER, NESSA. **Address:** 1215 Crittenden St., N. W., Washington, D. C. (A) (*)

MEYERHOFF, HOWARD A. U. of Illinois, B.A.; Columbia U., M.A., Ph.D., Administrative Secretary, American Assoc. for the Advancement of Science, 1515 Massachusetts Ave., N. W., Washington 5, D. C. **Past positions:** Prof. of Geol. and Geog., Smith Coll. **Areas known first-hand:** Caribbean America, U. S., Argentina. **Major interests:** physical geog.; economic geog. **Current research:** Appalachian landforms; Caribbean physiographic history.

MILBURN, ELINOR H. **Address:** 102 Connecticut Ave., Kensington, Md. (A) (*)

MYERS, LEROY O. Pennsylvania State Coll., B.A., 1937; U. of Michigan, M.A., 1938. Asst. Prof., Dept. of Geol., West Virginia U., Morgantown, W. Virginia. **Past positions:** State Teachers Coll., Slippery Rock, Pa.; Pennsylvania State Coll.; U. S. Army; Bowling Green State U., Ohio. **Areas known first-hand:** W. Europe, U. S. **Major interests:** economic geog., Europe, Anglo-America. **Current research:** taxation as a factor in plant location; bituminous coal stripping in U. S.; land use damage within a bombed German city; Comparative study of State College and Bellefonte, Pa.

MYERS, MERLE W. U. of Illinois, B.S., 1936; Clark U., M.A., 1937, Ph.D., 1948. Assoc. Prof. of Geog., Mississippi State Coll., State College, Miss. **Areas known first-hand:** South (Miss., Ala., Tenn.), Midwest (Ill., Ind., Ohio, Mich.). **Major interests:** industrial geog., land utilization, U. S. and Latin America. **Current research:** geog. of Mississippi.

NAIDOO, M. B. U. of South Africa, B.S.; U. of Witwatersrand, B.Sc. (Hons. in Economic Geog. and Geomorphology); Post grad. work. Harvard U. **Address:** P. O. Box 1617, Durban, South Africa. **Past positions:** Sastor Coll., Durban, 14 years. (*)

NALEY, DAVID F. U. of Pittsburgh, A.B., 1943; Syracuse Univ., M.A., 1949. Grad. Asst., Dept. of Geog., Syracuse U., Syracuse 10, N. Y. **Areas known first-hand:** Valley of Mexico, New Guinea, Philippine Islands, Costa Rica. **Major interest:** Latin America.

NASH, PETER H. U. of California at Los Angeles, B.A., 1942, M.A., 1946; Certificate d' Etudes, U. of Grenoble, France, 1946; M.C.P., Harvard, 1949. Graduate Fellow, Department of Regional Planning, Harvard U., Cambridge, Mass. **Past positions:** Grad. Teaching Asst., U. C. L. A. and U. of Wisc.; Asst. Prof., Cambridge Adult Education Center; East. Wash. Coll. of Education.; Prin. Planner, Boston City Planning Comm. **Areas known first-hand:** W. Europe, Central America, N. Africa, U. S. Pacific coast, West Lakes and New England. **Major interests:** city and regional planning; urban and political geog. **Current research:** land use in Boston Central Area; trends of decentralization of Metropolitan Boston Area.

NASON, NATALIE EVA. U. of Maine, B.S. in Ed., 1938; Clark U., M.A., 1948. Grad. Student, Grad. School of Geog., Clark U., Worcester, Mass. **Past positions:** Waves, Jr. and Sr. H. S. teacher. **Areas known first-hand:** New England. Major interests: recreation geog., human geog. **Current research:** geog. attributes of recreation in Maine.

NAVARRE, ALFRED T. U. of Michigan, M.A., 1926. **Address:** Dept. of Ceramic Engineering and Geology, Georgia School of Technology, Atlanta, Ga.

NEALLEY, MRS. ELEANOR S. **Address:** 2501 Que St., Washington, D. C. (A) (*)

NELSON, BENJAMIN O. Columbia U., M.A., 1940. **Address:** Eastburn Heights, Marshallton, Del. (*)

NELSON, EVELYN LEEITA. U. of Nebraska, B.S., 1939. Asst. Principal, Jr. High, North Platte, Nebr. **Address:** 306 West Second, North Platte, Neb. **Past positions:** Geog. teacher, Girls School, Harrow, Middlesex, England. **Areas known first-hand:** British Isles, Western Europe, Canada.

NESLINE, JOHN F., Jr., **Address:** 600 N. Ivy St., Arlington, Va. (A) (*)

NEVINS, JOHN A. **Address:** 1148 Mullen Ave., Los Angeles 6, Calif. (A)(*)

NEWSHAM, RICHARD A. U. of California at Los Angeles, A.B., 1939, M.A., 1942. U. S. Government. **Address:** 2524 41st St., N.W., Washington 7, D. C. **Past positions:** Cartographer, Office of Strategic Services; Cartographer, Dept. of State. **Areas known first hand:** India, Ceylon. **Major interests:** cartography, conservation.

NICOLETTI, FRANK T. Slippery Rock State Teachers, B.S., 1941; U. of Pennsylvania, M.S., 1947. Geog., Army Map Service. **Address:** 3204 Fayette Road, Kensington, Md. **Past positions:** Instr., U. of Pa. **Areas known first-hand:** Labrador, Greenland, Iceland, Scotland, England, Cuba, Australia, N. Z., Hawaii, New Caledonia.

NIKIFOROFF, CONSTANTIN C. U. of St. Petersburg, Ph. D., 1912. Soil Scientist, U. S. Dept. of Agric. **Address:** 4309 Van Buren St., University Park, Hyattsville, Md. **Past positions:** Asst. Prof. of Soils, U. of Minnesota; Senior Research Analyst, Office of Strategic Services. **Areas known first-hand:** Eastern Siberia; Northeastern part of Asia Minor; Altai; Don River Basin; Lakes Illmen and Peipus Basin; western coast of U. S.; Minnesota. **Major interests:** genesis and geog. of soils; geomorphology; post Pleistocene geol. **Current research:** evolution of soil of the Coastal Plain.

NISHI, MIDORI. Clark U., M.A., 1946. Teaching Assoc., U. of Washington. **Address:** 2211 S. Corinth St., West, Los Angeles 25, Calif. **Past positions:** Instr., Wellesley Coll. **Areas known first-hand:** Central Mass.

NIXON, ROBERT B. IV. Temple U., MEd., 1935; Teachers Coll., Columbia U., MA., 1938, Radnor High School, Wayne, Pa. **Address:** 5 Walton Apts., Wayne, Pa. Director of Visual Education, Radnor Public Schools.

NOGARA, AUGUST J. Georgetown U., B.S., 1925. Geographer, Div. of Geog., U.S. Bur. of the Census, Washington, D C. **Address:** 1800 Kilbourne Place N. W., Washington 10, D. C. **Past positions:** U. S. War Dept. **Areas known first-hand:** Italy, France, Belgium, Switzerland, Germany. **Major interests:** urban geog., political and economic geog. **Current research:** urban geog.

NOLAN, WILLIAM. **Address:** 303 Tonhawa St., Norman, Okla. (A) (*)

NOLAND, PEARL. Clark U., M.A., 1946. Instr. of Geog., State Teachers Coll., Mankato, Minn. **Past positions:** Instr., U. of Illinois, Galesburg Division. **Areas known first-hand:** Great Lakes to Pacific Coast. **Major interests:** economic geog., Latin America. **Current research:** development of agriculture in North Dakota.

NYSTROM, J. WARREN. Clark U., A.B., 1936; M.A. 1937; Ph.D. 1942. Prof., Head of Geog. Dept., U. of Pittsburgh, Pa. **Past positions:** Rhode Island Coll. of Educ. **Areas known first-hand:** Caribbean, N. South America, Eastern U. S. and E. Canada. **Maor interests:** political. geog.

OBERHOLTZER, CORA B., U. of Colorado, M.A., 1942. **Address:** 2412 Rucker St., Everett, Wash. (*)

OGERLIN, PAUL F. **Address:** 6014 Sonoma Rd., Bethesda 14, Md. (A)

ODELL, CLARENCE B. Ill. State Normal U., B. Ed., 1930; U. of Illinois, M.A., 1930; U. of Chicago, Ph. D., 1937. Chief Cartograpy Dept., Encyclopaedia Britannica; Lecturer in Geog. University Coll., U. of Chicago. **Address:** 2410 Greenwood Ave., Wilmette, Ill. **Past positions:** Cartographer, McKnight and McKnight; Teaching Fellow, U. of Nebraska; Cartographer, Grad. Library School, U. of Chicago; Instr., Oak Park Junior Coll.; University Fellow, U. of Chicago; Assoc. Prof. Stephen F. Austin State Teachers Coll.; Instr., asst. Prof., U. of Missouri; Div. Asst., Office of the Geographer, U. S. Dept of State; Chief, Population Sect,. Div. of Geog., and Cartog., Dept. of State; **Areas known first-hand:** all regions of the U. S.; eastern Canada. **Major interests:** carto-

graphic techniques and problems; problems in geog. of population. **Current research:** cartographic problems in production of atlas type maps; demographic problems as related to geographic studies.

OGILVIE, ALAN G. Prof. of Geog., U. of Edinburgh, Scotland (*)

OGILVIE, BRUCE C. Rhode Island Coll. of Ed., Ed.B., 1938. Clark U. M.A., 1949. **Address:** Graduate School of Geog., Clark U., Worcester, Mass. **Past Positions:** Teacher and Principal, public school, Rhode Island; Cartographer, Trans World Airline. **Areas known first-hand:** New England, United Kingdom. **Major interests:** economic geog., cartography. (A)

OLMSTEAD, CLARENCE W., Central Michigan Coll., B.A., 1937; U. of Michigan, M.S., 1938. Asst. Prof. of Geog. and Education, Dept. of Geog., U. of Wisconsin, Madison 6, Wis. **Past positions:** Instr., Central Michigan Coll., U. of California, Office of Strategic Services (Lt. U. S. N.R.) **Areas known first-hand:** middlewestern and eastern U. S., California, western Europe. **Major interests:** Anglo-America, historical geog., high school curriculum.

OLSON, LOIS. U. of Chicago, B.S., 1921, M.A., 1928. U.S. Government. **Address:** 3217 Aberfoyle Place, N.W., Washington 15, D. C. **Past positions:** Geographer, Office of Strategic Services and Dept. of State; Chief, Erosion History Sect., Soil Conservation Serv., U.S.D.A.; Geography Editor, **Social Science Abstracts;** Research Geographer, Am. Geographical Soc.; Teacher of Geog., Collinwood High School. **Areas known first-hand:** England, France, Mexico, Canada, **Major interests:** agricultural geog.; historical geog.

OLSON, RALPH E. Nebraska Wesleyan U., A.B., 1935; U. of Nebraska, M.A., 1937; Clark U., Ph.D., 1946, Assoc. Prof. Dept. Geog. U. of Okla. Norman, Okla. **Past positions:** Moorhead State Teachers Coll.; Instr. U. of Nebr., American U., Biarritz, France; Asst. Prof., Western Reserve U. **Areas known first-hand:** Eastern U. S., W. Europe. **Major interests:** political geog., W. Europe, U.S.S.R.

O'NEILL, HUGH T. Address: Catholic University, Washington 17, D. C. (*)

ORCHARD, JOHN E. Swarthmore Coll., A.B., 1916; Harvard U., M.A., 1920, Ph.D., 1923; Univ. of Penn., Univ. of Chicago. Prof. of Economic Geog., School of Business, Columbia U., New York 27, N. Y. **Past positions:** Instr. of English and History, George School, Pa.; Asst. in Ec. Geog., U. of Pennsylvania; Asst. Mine Economist, U. S. Bur. of Mines; Instr. to Prof., Acting Dean, School of Business, Columbia U.; Economic and Industrial Consultant, Office Production Management; Senior Asst. Administrator, Lend Lease Administration; Dir., General Areas Br., Foreign Economic Administration; Special Asst. to Asst. and Under Sec. of State; Senior Consultant, Foreign Liquidation Comm. Special Adviser on Overseas Territories, Economic Cooperation Admin., Paris. **Areas known first-hand:** China, India, Japan, Korea, Iran, East Indies, Malaya, Siam, Indo China. **Major interests:** industrialization of Asiatic countries. **Current research:** industrialization of China.

OTA, ROBERT YOSHIO. U. of California, B.A., 1940. Research Analyst (Cartographic) Aeronautical Chart Service, Washington, D. C. **Address:** 3970 Tunlaw Rd., N. W., Washington 7, D. C. **Past Positions:** Terrain analyst, U. S. War Dept.; Cartographer, Army Map Service. **Areas known first-hand:** S. W. Germany. **Major Interests:** China, Russia. **Current research:** aeronautical charts.

OTT, ARTHUR A. U. of Missouri, A.B., 1938. Captain, U. S. Army. **Address:** 102 N. Wayne St., Arlington, Va. **Areas known first-hand:** W. Europe; Interior Alaska.

OTT, EUGENE W. U. of Kansas City, B.A., 1948. Grad. Asst., U. of Colorado, Boulder, Colo. **Areas known first-hand:** N. Africa, Italy, Midwest U. S. **Major Interests:** conservation, teaching of geog. **Current research:** North Park, Colo. (A)

OTTE, HERMAN FREDERICK. U. of Nebraska, A.B., 1928, M.A., 1929; Columbia U., Ph.D., 1940. Assoc. Prof. of Economic Geog., 619 School of Business, Columbia U., New York 27, N. Y. **Past positions:** Economic Geog., Dept. of Comm., N. Y. State. **Areas known first-hand:** Southern U. S.; Great Plains; northeastern U. S.; Pacific Coast States; Ecuador; Peru; Bolivia; Chile; Argentina, Brazil, Colombia. **Major interests:** economic geography (regional) of U. S. and Canada; geog. of manufacturing; raw material position of nations, particularly the U. S. **Current research:** studies in locational shifts of industry in the U. S. and Canada.

PACKARD, LEONARD O. Harvard U., B.S., 1904; Clark U., A.M., 1926. Emeritus Prof., Teachers Coll. of the City of Boston. **Address:** 78 Warren St., Needham, Mass. **Past positions:** Union Maine H. S.; Head Dept of Science, New Britain, Conn. H. S. (*)

PAGE, JOHN. U. of Oklahoma, A.B., 1926; Clark U., M.A., 1927, Ph.D. 1929. Assoc. Prof. of Dept. of Geog., 437 Natural History Bldg., U. of Illinois, Urbana, Illinois.

PALMER, FRANK R. U. of Michigan, M.A., 1938. **Address:** 604 Elmrest Drive, Ann Arbor, Mich.

PANGBORN, MARK W., Jr. Indiana U., A.B., U. S. Geological Survey. **Address:** 1133 S. Thomas St., Arlington, Va. (*)

PARADIS, CHARLES M., Jr. Student, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Past positions:** Military Service (partly in European Theater). **Areas known first-hand:** W. Europe. **Major interests:** cartography, area planning. (A)

PARKER, EDITH F. Assoc. Prof., Dept. of Geog., U. of Chicago. **Address:** 5705 Blackstone Ave., Chicago 37, Ill. (*)

PARKER, MARGARET T. U. of Chicago, B.S., 1916; M.A., Wellesley Coll., 1921; U. of Chicago, Ph.D., 1939. Prof., Dept. of Geol. and Geog., Wellesley Coll., Wellesley, Mass. **Past positions:** Instr., St. Cloud Normal School, Minn., Wellesley Coll., 1917. **Areas known first-hand:** Europe, esp. Wales and France; Merrimack Valley; S. Arizona, special studies, **Major interests:** Europe and Asia.

PARKHURST, LELAND H. U. of Oregon, B.A., 1938; U. of Hawaii, M.A., 1940. Geographer, Topographic Detachment, Intelligence Div., Dept. of the Army. **Address:** 3305 Elmore Dr., Alexandria, Va., **Past positions:** Grad. Asst., U. of Hawaii; Research Analyst, Pacific Br., MIS. **Areas known first-hand:** U. S. Pacific Coast, Hawaii. **Major interests:** land utilization, economic geog. physical geog.

PARLOFF, GLORIA H. U. of Chicago, B. S., 1943. U. S. Government. **Address:** 4815 S. 31st St., Arlington, Va. **Past positions:** Asst., Dept. of Geog., U. of Chicago; Cartographer, Office of Strategic Services; Cartographer, Editor, and Geographer, Dept. of State.

PARMENTER, GUY N. Nebraska Wesleyan, B.A., 1942; Clark U., M.A., 1947. **Address:** 20 Gates St., Worcester, Mass.

PARRY, MURIEL H. U. of Ill., A.B., 1946. U. S. Government. **Address:** 4820 Reno Road, N. W., Washington 8, D. C. **Permanent address:** 32 Washington Sq. W., New York 11, N. Y. **Past positions:** Asst. Map Curator, American Geographical Society; Map Librarian, U. of Ill.; Geographer, U. S. Dept. of State. **Areas known first-hand:** West Indies, England. **Major interests:** mapping and map collections.

PARSONS, REUBEN L. Moorhead (Minn.) State Teachers Coll., B.E., 1932; Clark U., M.A., 1934, Ph.D., 1943. Prof. of Geog., East Tennessee State Coll., Johnson City, Tenn. **Past positions:** U. S. Weather Bur.; Tennessee Valley Authority; National Resources Commission; Mississippi State Planning Commission; Head, Geog. Dept. Troy (Ala.) State Teachers Coll. **Areas known first-hand:** Gulf Coast, New England, Northern Mid-West, N. Burma, India and Pakistan (W. Bengal, Kashmir, Assam, Karachi Area). **Major interests:** meteorology, geomorphology, political geog.

PATTEE, A. L. **Address:** c/o C. S. Hammond & Co., Inc., 305 E. 63rd St., New York 21, N. Y. (A)

PATTEN, GEORGE P. **Address:** Box 25, Farmersburg, Ind.

PATTON, DONALD J., Harvard U., S.B., 1942, A. M., 1947. Lecturer, Dept. of Geog., Canterbury U. Coll. Christchurch, New Zealand. **Past positions:** Geographer, Office of Strategic Services; Teaching Fellow, Harvard U.; Researcher, Virginia Geographical Inst. **Areas known first-hand:** eastern, middle, and southwestern U. S.; Cuba; Jamaica; Colombia; Ecuador; Great Britain; parts of France; Germany; Czechoslovakia. **Major interests:** Europe; New Zealand. **Current research:** Traffic flow on the Ohio River system.

PEARCY, G. ETZEL. U. of California, Los Angeles, B. Ed., 1931; Clark U., M.A., 1932, Ph.D., 1940. System Geographer, Trans World Airline, Lincoln Bldg., 60 E. 42nd St., New York 17, N. Y. **Past positions:** Instr., Wharton School, U. of Pennsylvania; Asst. Prof., School of Commerce, U. of Alabama; Head of Depts. of Navigation and Aircraft Identification, Randolph

Field. **Areas known first-hand:** Puerto Rico; Europe, esp. southern France; U. S. **Major interests:** transportation geog.; political geog. **Current research:** writing textbooks.

PEARSON, ROSS NORTON. Ill. State Normal U., B.Ed., 1939; U. of Wisconsin, M.S., 1947. Asst. Prof., Michigan State Normal Coll., Ypsilanti, Mich. **Address:** 1109 Grant St., Ypsilanti, Mich., **Past positions:** Jr. and Sr. high schools, Jacksonville, Ill., U. S. Navy. **Areas known first-hand:** The Corn Belt. **Major interests:** N. A. economic geog.

PEATTIE, RODERICK. U. of Chicago, B.S., 1914; Harvard U., Ph.D., 1920. Prof. of Geog., Ohio State U., Columbus 10, Ohio. **Past positions:** Williams Coll. **Areas known first-hand:** W. Europe; S. Africa; many parts of U. S. **Major interests:** historical geog.; philosophy of geog.

PELZER, KARL J. U. of Bonn, Germany, Ph.D., 1935. Assoc. Prof., Yale U., 302 Linsly Hall, Yale Station, New Haven, Conn. **Past positions:** Fellow, U. of California; Research Asst., Council on Foreign Relations; Research Assoc., Institute of Pacific Relations; Research Assoc., Asst. Prof., Johns Hopkins U. Senior Regional Specialist, Office of War Information; Agricultural Economist, Office of Foreign Agric. Relations. **Areas known first-hand:** Germany; France, S. England; Netherlands; Belgium; Japan; Philippines; Indonesia; W. Canada. **Major interests:** regional geog. of southeast Asia, human geog. of the Tropics. **Current research:** land-use problems in upland areas of southeast Asia.

PENDELTON, ROBERT L. U. of California, (Coll. of Ag.) B.S., 1914, Ph.D., 1917. Prof. of Tropical Soils and Agriculture, Isaiah Bowman School of Geog., Johns Hopkins U. and Field Service Consultant in Soils, Office of Foreign Agricultural Relations, U.S. Dept. of Ag. **Address:** Bowman School of Geog., Johns Hopkins U., Baltimore 18, Md. **Past positions:** Dir. Ag., Gwailor State, India; Prof., Head, Soils Dept., Coll. Ag., U. of Philippines; Chief Soil Technologist, Nat. Soil Survey, China; Soil Scientist, Siam; Office Foreign Ag. Relations. **Areas known first-hand:** Central India; Philippines; Siam; Central America; Ecuador; Peru; Belgian Congo. **Major interests:** equatorial soils, esp. laterite; land use methods in humid equatorial regions; Siam. **Current research:** preparing for publication data from the field in the above fields of interest.

PENROSE, ERNEST F. Isaiah Bowman School of Geography, Johns Hopkins U., Baltimore 18, Md. (*)

PEREIRA, JOSE VERISSIMO da COSTA. Northwestern U., Special Studies. Chief Centro-Oeste Region, Conselho Nacional de Geografia, Brazil. **Address:** Rua Sao Cleemente 143 Casa 9, Botafogo, Rio de Janeiro, Brazil. **Past positions:** Prof. U. of Brazil; Prof., Pedro II Coll., Rio de Janeiro. **Areas known first-hand:** Central Plateau and S. Brazil: E. Brazil, chiefly Rio Doce and Paraiba valleys. **Major interests:** regional, human and economic geog., settlement geog. **Current research:** colonization in Central Plateau of Goias and Mato Grosso, Brazil.

PEREJDA, ANDREW. Wayne U., B.A., 1938; Syracuse U., M.A., 1939 Instr., Dept. of Geog., Wayne U., Detroit, Mich. **Past positions:** Chief of Cartographic Section, G-2, Operations, Geographer-Cartographer, O.Q.M.G., Geographer - Cartographer, Foreign Economic Admin., all Washington, D. C.; Multiplex Aero-projector Operator, U. S. Army. **Areas known first-hand:** St. Clair River Trough. **Major interests:** cartography, political geog., U.S.S.R. **Current Research:** St. Clair River Trough (Ph.D. dissertation.)

PERO, DOROTHY IRENE. U. of Pittsburgh, B.A., 1936, M. Ed., 1939. Teacher, Wilmerding High School. **Address:** Box 253, Wilmerding, Pa. **Past Positions:** elementary teacher. **Areas known first-hand:** Pittsburgh District. **Major interests:** geog. education. (A)

PERRET, MAURICE E. U. of Neuchatel, Switzerland, Licence es Lettres, 1940; U. of California, M.A., 1942. **Address:** 3a. Rue de la Place d'Armes, La Chaux-de-Fonds, Switzerland. (*)

PETERS, LILLIAN L. Valparaiso U., B.A., 1945; U. of Chicago, M.S., 1947. Geographer, Dept. of the Army. **Address:** 2601 16th St., N.W., Washington, D. C. **Past positions.** Instr. of Geog., U. of Illinois. **Areas known first-hand:** northern Lakes region; Rainy River; Chesapeake Bay area; Va.; Germany; Switzerland; France; England. **Major interests:** settlement geog.; physical geog.; military geog. **Current research:** land use in Maryland: a cross section from the Appalachians to the sea.

PETRAKIS, ELAINE. Wilson Teachers Coll., Washington, D. C., B.S. Geog., Army Map Service. **Address:** 2106 Windham Place, Silver Spring, Md. **Past position:** Div. of Maps, Library of Congress. (A)

PETTERSON, DONALD R. U. of Chicago, S.B., 1942; Ohio State U., M.A., 1948. Student, London School of Economics. **Address:** Home, 603 Saylor Avenue, Elmhurst, Ill. **Past positions:** Asst., Ohio State U.; Dept. of State; Office of War Information; Office of Strategic Services; Geologic Survey; Army Map Service. **Areas known first-hand:** N.A., S. and E. Africa, Middle East, W. Europe. **Major interests:** economic and human geog. **Current research:** white settlement patterns in Africa.

PETTY, JULIAN J. Denison, B.S., 1924; Harvard U., M.A., 1929; Ohio State, Ph.D., 1943. Prof. of Geog., U. of South Carolina, Columbia, S. C. **Past positions:** research analyst, Office of Strategic Services. **Areas known first-hand:** S. Car.; Southeast; Middle West. **Major interests:** demography; economic geog.; regional geog. **Current research:** a bibliography of the geol. and geog. of S. Car.; peach production in the U. S.; Dutch in the U. S.

PHELPS, JEWELL A. George Peabody Coll. for Teachers, M.A., 1946. **Address:** Dept. of Geog., Northwestern U., Evanston, Ill. (*)

PHILBRICK, ALLEN K. U. of Chicago, A.B., 1938, S.M., 1942, Ph.D., 1949. **Address:** (permanent) 982 Elm St., Winnetka, Ill.; Dept of Geog., Syracuse U., Syracuse 10, N. Y.

PHILLIPS, COY T. U. of North Carolina, A.B., 1930; U. of Colorado, A.M., 1938; U. of N. C., Ph.D., 1945. Assoc. Prof., North Carolina Women's Coll., Greensboro, N. C. **Past positions:** School principal, Winston Salem, N. C.; Lecturer, U. of N. C. A. S. T. P., Army Air Corps; Asst. Prof. N. C. Women's Coll. **Areas known first-hand:** S. E., Middle West, Rocky Mtns. **Major interests:** economic geog. conservation of national resources, Latin America. **Current research:** geography of the North Carolina Piedmont.

PHILLIPS, M. OGDEN. Miami U., A.B., 1924; U. of North Carolina, M.A., 1926, Ph.D., 1937. Prof. of Economics and Commerce, Washington and Lee University, Lexington, Va. **Past positions:** Goodyear Tire and Rubber Export Co., Akron; Asst. Prof. of Economic Resources and Foreign Trade, U. of Florida. **Areas known first hand:** Federal District, Mexico. **Major interests:** ocean trade and transportation; economic geog. **Current research:** the rise and decline of tramp shipping.

PHILLIPS, MARY VIOLA. U. of Pittsburgh, B.S., 1936; M.A., 1940. Head of Geog. Dept. New Kensington Senior High School. **Address:** 661 Catalpa Street, New Kensington, Pa. **Areas known first-hand:** W. Europe, N. Mexico, and U. S. **Major interests:** Latin America, Far East, high school geog. **Current research:** series of articles on high school geog.

PHILSON, ELAINE. **Address:** 4000 Brandywine, N. W., Washington 16, D. C. (A) (*)

PICO, RAFAEL. U. of Puerto Rico, A.B., 1952; Clark U., A.M., 1934, Ph.D., 1938. Chairman, Puerto Rico Planning, Urbanizing and Zoning Bd. **Address:** Box 876 Rio Piedras, Puerto Rico. **Past positions:** Instr., U. of Puerto Rico; Consultant, Puerto Rico Reconstruction Adm.; Instr.; and Asst. Prof., Catholic U. of America; Assoc. Prof., U. of Puerto Rico. **Areas known first hand:** Virgin Islands; Puerto Rico; Dominican Republic; Cuba; Canada; Venezuela; Barbados; Trinidad; Jamaica; Curacao; and eastern U. S., espec. the Connecticut Valley of Mass. **Major interests:** economic geog.; urban geog. **Current research:** investigation for the National Research Council, Latin American Committee, on the status of geog. in the West Indies; two books on the geog. of Puerto Rica from regional and systemic points of view.

PIERCE, PHOEBE L. **Address:** 10 Orlando Ave., Winthrop, Mass. Former student, Dept. of Geog. Syracuse Univ., Syracuse 10, N. Y. (A)(*)

PIERSON, WILLIAM H. U. of Texas, B.A., 1925; U. of Washington, M.S., 1934. Assoc. Prof., Div. of Geog. and Geol., U. of Florida, Gainesville, Fla. **Past positions:** U. of Washington; Dept of State. **Areas known first-hand:** Europe, Near East, N. Africa, Canada, Mexico, U. S. **Major interests:** Latin America, regional geog., cartography.

PIROLA, ANTONIO. **Address:** 1864 Park Road, N.W., Washington 10, D. C. (A) (*)

PITTMAN, MARVIN S. U. of Chicago, M.S., 1946. Asst. Prof., Miami U., Oxford, Ohio. **Address:** Box 82,

Miami U., Oxford, Ohio. **Past positions:** Soil Conservation Service, U. S. Dept. of Agri.; World Trade Manager, Toledo Chamber of Commerce; International Business Institute, Cleveland. Manager of Cleveland Cooperative Office, U. S. Dept. of Commerce. **Areas known first-hand:** W. Europe, Central and S. A., N. Africa and Gold Coast, India, W. China, Canada. **Major interests:** Soviet Turkestan, Ecuador and Mexico, Far East. **Current research:** change in industrial site and location factors in U. S.; changing military potential of Soviet Turkestan.

PLANTE, MARGUERITE. **Address:** 11 Bourne St., Boston, Mass. (A) (*)

PLATT, RAYE R. Research Assoc., American Geographical Soc., Broadway at 156th St., New York 32, N. Y.

PLATT, ROBERT S. Yale U., A.B., 1914; U. of Chicago, Ph.D., 1920. **Position:** Prof. and Chm., Dept. of Geog., U. of Chicago, Chicago 37, Ill. **Past positions:** Instr., Yale-in-China; Chief, Div. of Maps, Library of Congress. **Areas known first-hand:** Latin America; U. S.-Canadian Border. **Major interests:** regional geog.; political geog. **Current research:** field studies in political geog. Brazil, Argentine, Canada.

POLLOCK, CHAUNCEY L., Franklin Coll., A.B., 1908; Pittsburg Xenia Seminary, B.D., 1911; Teachers Coll., Columbia U., M.A., 1928. **Address:** P. O. 344, Tarkio, Mo. **Past positions:** Cairo, Egypt; Kagoshima and Koke, Mo.; American Boys High School, Cairo, Egypt; Kagoshima and Kobe, Japan; Havana, Cuba; N. Texas State Teachers Coll. **Areas known first-hand:** U. S., Europe, Asia. **Major interests:** international relations, modern history, geog. **Current research:** traveling in western U. S., northern S. A., W. Europe in 1948-49.

POLSPOEL, LAMBERT GASTON. U. of Louvain, Belgium, Licencie du Degre Superieure en Sciences Commerciales et Consulaires, 1924; U. of Chicago, Ph.D., 1926. Prof., U. of Louvain, Belgium. **Address:** Ruelensvest 67, Heverlee (Louvain) Belgium. **Past positions:** Prof., St. Jan Berchmans Coll., Antwerp. **Areas known first-hand:** W. Europe and the U. S. **Major interests:** human and economic geog., esp. population problems; philosophy of geographical thought. **Current research:** population problems; economic geog. of Belgium and Congo.

POOLE, SIDMAN P. U. of Syracuse, A.B., 1917, M.S., 1924; U. of Chicago, Ph.D., 1932. Prof., Chairman, School of Geog.; Dir., Virginia Geographical Institute, U. of Virginia, Charlottesville. **Address:** Box 61A, R. D. 2, Charlottesville, Va. **Past positions:** Prof., Syracuse U.; Chief, Topographic Br., General Staff, War Dept. **Areas known first-hand.** U. S. and eastern Canada, Europe west of USSR, Iceland and Labrador, Venezuela, Yucatan and north Mexico, North Africa, Palestine, Greenland.

PORTER, CHARLES W. Clark U., B.A., 1947. Marketing Specialist, Md. Dept. of Markets. **Address:** 4319 Rowalt Dr., College Park, Maryland. **Past positions:** Topographic Draftsman, U. S. Army; Grad. Asst., U. of Maryland. **Areas known first-hand:** New England, Frederick Co., Va., Maryland. **Major interests:** orcharding in eastern U. S., marketing of fruits and vegetables. **Current research:** recent trends in orcharding; Frederick Co., Va. (A)

POST, PAUL T. Northwestern U., B.S., 1921; M.A., 1924. **Position:** U. S. Government. **Address:** 5009 Yorktown Road, Washington 16, D. C. **Past positions:** T.V.A. **Areas known first-hand:** Tennessee Valley. **Major interests:** cartography.

POWERS, WILLIAM EDWARDS. Northwestern U., B.S., 1925, M.A., 1928; Harvard U., Ph.D., 1931. Prof. of Geomorphology, Dept. of Geog., Northwestern U., Evanston, Ill. **Areas known first-hand.** Los Angeles area; Ill.; New Engand; N. Dak.; Colorado Rockies; Hawaii; Great Basin; Greenland; Labrador. **Major interests:** geomorphology; glaciation; climatology. **Current research:** physiography of Arctic regions; glacial deposits of northern Ill., and southern Wisc.

PRANGE, JAMES W. Ill. State Normal U., B.S. in Ed., 1945; Indiana Univ., M.S. in Ed., 1949; Winona St. Teach. Coll., Winona, Minn. **Address:** (permanent) Box 192, Hardin, Ill. **Past positions:** Kokura Area School, Kyushu, Japan; Lawrenceville, Ill. Township H. S. **Areas known first-hand:** Japan. (A)

PRATT, IRIS L. Kent State U., Kent, Ohio, M.A. Geog., Bur. of the census. **Address:** 1650 Fort Davis St. S.E., Washington 20, D. C. **Past positions:** Teacher at Hudson, Ohio. **Areas known first-hand:** northeastern Ohio. **Major interests:** urban geog., economic geog. of N. America. **Current research:** river city patterns in the U. S.

PRENTICE-HALL, Inc. **Address:** 70 Fifth Ave., New York, N. Y. (See advertisement.)

PRENTICE, VIRGINIA LEE. Mich. State Coll., B.A., 1944; Northwestern U., M.A., 1947. U. S. Government. **Address:** 6603 Brookville Rd., Chevy Chase, Md. **Past positions:** Engineering Aide, Alaskan Branch, USGS; Grad. Asst. Dept. of Geog., Northwestern U.; Instr. Geog., Mich. Coll. of Mining and Technology, Houghton, Mich. **Areas known first-hand:** Midwest, New England, Middle Atlantic States, southern Quebec. **Major interests:** conservation and recreational land use, use of aerial photos in geographic training and research. **Current research:** aerial photos for laboratory courses in geog.

PRICE, DALIAS A. **Address:** Southern Illinois U., Carbondale, Ill.

PRICE. EDWARD THOMAS, Jr., Calif., Institute of Tech., B.S., 1937. Instr., Dept. of Geol. and Geog., U. of Cincinnati, Cincinnati 21, Ohio. **Areas known first-hand:** California, Central Ohio Valley, Southern Appalachians, Central Gulf Coast. **Major interests:** cultural and agricultural geog., Western Hemisphere. **Current research:** mixed - blood groups in the population of eastern U. S.

PRINCE, JACK K. B. A., U. of California at LosAngeles. Geog., Board on Geographical Names. **Address:** 3750 Valley Drive, Alexandria, Va. (*)

PRIOR, ROGER A. Iowa State Teachers Coll., A.B., 1933, U. of Chicago, S.M., 1936, Ph.D. Research and Development Board, Dept. of Defense. **Address:** 2023 Hillyer Place, N.W., Washington, D. C. **Past positions:** Asst. Prof., Mississippi State Coll.; Instr., W. Mich. Coll. of Ed.; Instr., U. of Chicago.

PROPHET, EDWARD C. U. of Michigan, A.B., 1924, M.A.,1926. Assoc. Prof. Dept. of Geol. and Geog., Michigan State Coll, East Lansing, Mich. **Past positions:** Student Asst., Instr. U. of Michigan. **Areas known first-hand:** most of the U. S. and St. Lawrence Valley. **Major interests:** political and economic geog., land utilization (tourist and resort industry). **Current research:** tourist and resort industry in Antrim County, Mich.

PROUDFOOT, MALCOLM J. U. of Chicago, Ph.D., 1936. Assoc Prof., Dept. of Geog., Northwestern U., Evanston, Ill. **Past positions:** Chief. Operational Analysis Sect., Displaced Persons Br., SHAEF; Asst. Dir., Bur. of the Census; Asst. Geographer, Bur. of the Census; Assoc., Geog., TVA. **Areas known first-hand:** Germany, France, Austria, Yugoslovia, the USSR and Britain. **Major interests:** population migration; demographic geog; urban geog. **Current research:** European Refugees of World War II.

PRUITT, AMY M. U.C.L.A., B. A., 1937, M.A., 1949. Dean, Stanfield Secretarial School. **Address:** 1317 Fairmont St., N.W., Apt. 2, Washington 9. D. C. **Past positions:** Research writer, Health and Sanitation Div., IIAA, Washington, D. C.; Medical Secretary, War Dept., PW Camp, Clinton, Miss.; Writer. **Areas known first-hand:** U. S. **Major interests:** medical geography, epidemiology. **Current research:** dysentery in South America.

PRUITT, EVELYN L. U. of California (L.A.), B.A. in Geog., 1940, M.A. in Geog., 1943. Geographer, Geography Sect., Off. of Naval Research, Dept. of the Navy. **Address:** Apt. 204, 2456 20th St. N.W., Washington 9, D. C. **Past positions:** Cartographer in final review of aeronautical charts, U. S. Coast and Geodetic Survey; Grad. Asst., U. of California (L.A.) **Areas known first-hand:** Southeast Canada; Southwest U. S. **Major interests:** regional geog. of polar areas; physiography; economic-political geog. **Current research:** physiography of Arctic and Sub-Arctic Ungava, Quebec; outline of geog. of polar areas.

PRUNTY, MERLE C., Jr., U. of Missouri; B.S., 1939; A.B., 1940; A.M., 1940; Clark U., Ph.D., 1944. Head, Dept. Geog. and Geol., U. of Georgia, Athens, Georgia. **Past positions:** Asst. Prof. and Assoc., Prof. Miss. State Coll.; Assoc. Prof., U. of Georgia. **Areas known first-hand:** Much of the U. S. Southeastern Canada. **Major Interests:** economic geog., climatology, Caribbean America. **Current Research:** Agric. regions of the Cotton Belt; shifting land use practices in N. W. Tennessee.

PRYOR, HAROLD S. Austin Peay State, B.S., 1946; Peabody Coll., M.A., 1947, Instr. of Geog. E. Tenn. State Coll., Johnson City, Tenn. **Past positions:** student instr., Peabody Coll. **Areas known first-hand:** Tenn., the South; United Kingdom, France, Germany and Switzerland. **Major fields of interest:** economic Geog., Anglo-America Europe.

PUTNAM, DONALD FULTON. U. of Toronto, B.S.A., 1927, Ph.D., 1935. **Position:** Assoc. Prof. Dept. of Geog. U. of Toronto, Toronto, Ontario.

Past positions: botanical and agricultural research, U. of Toronto. **Areas known first-hand:** Canada, espec. Maritime Prov., Prairie Prov., and B.C.; northern U.S. **Major interests:** geog. of Canada; soils; geog. of agric. **Current research:** landforms of Ontario.

QUAM, LOUIS O. U. of Colorado, A.B., 1931, M.S., 1932; Clark U., Ph.D., 1938. Assoc. Prof., School of Geog., U. of Virgina, Charlottesville, Va. **Past positions:** Asst. Instr., Asst. Prof., Assoc. Prof., U. of Colorado; Geographer, Office Quartermaster General; Lt. Comdr., U.S.N.R.; Dir., Joint Army-Navy Intell. Study Publishing Bd. **Areas known first-hand:** Rocky Mts. and Great Plains, U. S. and Canada; New England; south central U. S. **Major interests:** physiography; climatology; southern and eastern Asia. **Current research:** structural and landform patterns in Lyons area of Colorado; landform patterns of Virginia.

QUAYLE, MRS. MARY S. **Address:** Box 195, Hamilton, N. Y.

RAGAZ, HENRY A. U. of Wisconsin, B.S., 1936, M.A., 1937. Head, Geog. Dept. State Teachers Coll., Mayville, N. Dak. **Past positions:** Instr., Geog. ASTP, Agricultural and Mechanical Coll. of Texas, Coll. Station, Texas; Weather Observer, U. S. Army Air Corps.; Instr., Geog., High School, Ashland, Wis., and Cudahy, Wis. **Areas known first-hand:** Rocky Mts., Central Lowlands, Gulf Coast, **Major interests:** physical geog., economic geog.

RAISZ, ERWIN. U. of Budapest, Diploma, 1914; Columbia U., M.A., 1924, Ph.D., 1929. Lecturer in Cartography, Inst., of Geographic Exploration, Harvard U., 2 Divinity Ave., Cambridge 38, Mass.; Prof. of Cartography, Clark Univ. **Past positions:** Instr. Columbia U. **Areas known first-hand:** U. S., Canada, Cuba; Mexico, Alaska; most of Europe. **Major interests:** cartography; regional geog.; Latin America. **Current research.** land type maps; landform maps of Canada, Near East.

RANDALL, JOHN R. Assoc. Prof., Dept. of Geog., Ohio State U., Columbus, Ohio. **Address:** 2761 Kensington Pl., E. Columbus, Ohio.

RASCHE, HERBERT H. (Maj.) U. of Wis., B.A., 1929, M.A., 1934. General Staff, Intelligence Division. **Past positions:** Field Geologist, Mid-West; Teacher, Milwaukee Public Schools; Instr., U. of Wisc., Extension Div., Asst. Dean of Men, State Teachers Coll., Slippery Rock, Pa.; Topographic Branch, G-2; Joint Intelligence Study Publish. Board; Grad. Student Officer QMC, Harvard U.; Environmental Protection Section, OQMG. **Areas known first-hand:** Western Europe, North America.

RAUP, HALLOCK F. U. of California, B.S., 1924, M.S., 1927, Ph.D., 1935. Prof., Head, Dept. of Geog. and Geol., Kent State U., Kent, Ohio. **Past positions:** Asst. and Instr., U. of California at Los Angeles; Asst. Prof. Eastern Washington Coll., Cheney. U. S. Bd. on Geographical Names, Washington, D. C. **Areas known first-hand:** California, Pennsylvania, Ohio, Washington, the Northwest. **Major interests:** historical settlement and economic geog. **Current research:** Ohio place names.

RAUP, HUGH M. Prof. of Botany and Dir. of Harvard Forest, Harvard U. Cambridge, Mass. **Address:** Harvard Forest, Petersham, Mass.

RAY LOUIS LAMY. Washington U. A.B., 1930, M.S., 1932; Harvard U. M.A., 1937, Ph.D., 1938. Senior Geologist, U. S. Geological Survey, Washington 25, D. C. **Past positions:** Asst. Prof. of Geol., Michigan State Coll. **Areas known first-hand:** Alaska; Southern Rocky Mts.; middle Mississippi and Ohio valleys; Scandinavia; Fall Zone of Georgia and Alabama. **Major interests:** physiography and geomorphology; glacial geol.; urban development and planning. **Current research:** processes of deglaciation.

READ, MARY JO. Iowa State Teachers Coll., B.A., 1931; U. of Chicago, M.S., 1932; U. of Wisconsin, Ph.D., 1942. **Address:** Milwaukee State Teachers Coll., Milwaukee 11, Wis. **Past positions:** State Teachers Coll., LaCrosse, Wis.; U. of Washington. **Areas known first-hand:** middle western and northwestern U. S., Mexico, northern South America. Major interests: U. S. Latin America historical geog.

REID, J. W., Jr. **Address:** Dept. of Geol. and Geog., Davidson Coll., Davidson, N. Car. (*)

REIDEL, ALICE M. Iowa, State Teachers Coll., B.A., 1940. Teacher, Irving Elementary School, Waterloo, Iowa. **Address:** R. R. No. 1, Mundelin, Ill. **Major interests:** conservation, economic geog.

REIFEL, BEULAH. **Address:** 8503 Bradmoore Drive, Bethesda, Md. (A) (*)

REITH, JOHN W. State Teachers Coll., Millersville, Pa., B.S., 1938; Clark U., M.A., 1941; Northwestern U., Ph.D., 1949. **Position:** Assistant Prof. and Head, Dept. of Geog., U. of Southern California, Los Angeles 7, Calif. **Past position:** Part-time Instr., Northwestern U. **Areas known first-hand:** N. India, N. Burma, S. W. China; New England, Mid-Atlantic, Mid-West, Pacific states of U. S. **Major interests:** econ. geog. Anglo-America; geog. of minerals, esp. fuels. **Current research:** Wheat-hog economy of E. Oregon; crop "belts" in S. Calif.

RENNER, AGNES C. State Teachers Coll., Moorhead, Minn., B.E.; Clark U., M.A. Asst. Prof. St. Ambrose Coll., Davenport, Ia. **Past positions:** Instr., U. of Wyoming; Marycrest Coll., Davenport, Ia. **Areas known first-hand:** Minnesota. **Major interests:** regional and historical geog.

RENNER, GEORGE T. Cornell Coll., A.B., 1922; Columbia U., A.M., 1924, Ph. D., 1927; Cornell Coll., LL.D., 1943. Prof. of Geog., Box 235, Teachers Coll., Columbia U., New York City 27, N. Y. **Past positions:** Lecturer in Economic Geog., School of Business, Columbia U.; Assoc. Prof., State U. of Washington; Geographer, Iowa Forest Survey; Senior Economist. U. S. National Resources Planning Bd. **Areas known first-hand:** Canada; Caribbean America; Mexico. **Major interests:** political geog.; cultural geog.; teaching of geog. **Current research:** geog. of race and culture; geog. in education.

RETALLICK, HAROLD J. State Teachers Coll., Eau Claire, Wisc., B.S., 1938; Clark U., M.A., 1947. Grad. Student, Clark U., Worcester, Mass. **Areas known first-hand:** Australia, New Guinea, Philippines, Arctic coastal plain. Alaska, **Major interests:** Arctic regions. (A)

REYNER, ANTHONY STEPHEN. U. of Chicago, M.S., 1941; Charles U., Prague Ph.D., 1935. Head, Geog. Dept., Howard U., Washington 1, D. C. **Past positions:** Head, Dept. of Geog., U. of Puerto Rico; Geographer, Dept. of the Interior, Foreign Econ. Admin.; U. of Oklahoma; Grinnell Coll.; Charles U., Prague. **Areas known first-hand:** Europe, European Russia, Asia Minor, N. N. Africa, Caribbean America. **Major interests:** economic geog.; political geog.; regional geog. of Europe, including Russia and Asia Minor.

RHYNSBURGER, WILLERT. U. of Washington, M.A., 1946 Instr., Dept. of Geog., Indiana U. Bloomington, Indiana. **Past positions:** Instr., NFPS, U. of S. Car.; Act. Instr., U. of Wash.; Instr., Indiana U. **Areas known first-hand:** W., Middle-west and Southwest U. S. **Major interests:** S. E. Asia and Indonesia; economic geog.; geog. of transportation.

RICH, JOHN LYON. Prof. of Econ. Geol. and Head, Dept. of Geol. and Geog., U. of Cincinnati, Cincinnati 21, Ohio.

RICHARDS, WILFRED G. Linfield Coll., B.S., 1921; U. of Chicago, M.S., 1928, Ph.D., 1948. Prof. of Economic Geog. **Address:** Drake U., Des Moines, Ia. **Past positions:** Teacher, high school, Roseburg and Oregon City, Oregon; Assoc. Prof., Miami U., Oxford, Ohio. **Areas known first-hand:** Pacific Coast, Ohio Valley. **Major interests:** settlement and economic geog. **Current research:** settlement of Iowa.

RICHARDSON, F. L. W., Jr. Harvard U., Ph.D. (Anthropology and Geog), 1941. **Address:** Harvard Univ., School of Public Health, 695 Huntington Ave., Boston, Mass.

RICHARDSON, ROBERT W. U. of California, A.B., 1930; Ph.D., 1943. Prof. of Geog., San Diego State Coll., San Diego 5, Calif. **Past positions:** Acting Assoc. Prof. Geog. and Anthropology, Chico (Calif.) State Coll.; Asst. Prof. of Geog.; San Diego State Coll.; Federal Govt. Service. **Areas known first-hand:** most of U. S., esp. California and District of Columbia and environs; Ecuador. **Major interests:** cultural geog. of Latin America.

RICHMAN, BENNETT B. U. of Wis., B.A., 1936. U. S. Government. **Address:** 2824 31st St., SE, Washington 20, D. C. **Past positions:** Geographer-Geologist, Public Museum, Milwaukee, Wis.; Cartographer, Office of Strategic Services; Cartographer, Dept. of State. **Areas known first-hand:** England. **Major interest:** cartography.

RIDGLEY, DOUGLAS C. Indiana U., A.B., 1893; U. of Chicago, M.S., 1922; Clark U., Ph.D., 1925. Prof. Emeritus of Geog. in Education, Clark U. (retired). **Address:** 516 S. Clayton St., Bloomington, Ill. **Past positions:** Chicago public schools; Illinois State Normal U.; Clark U. **Areas known first-hand:** Illinois, Mass., France and western Germany. **Major interests:** geog. in education; economic geog.

RILEY, ONI. Eastern Teachers Coll., Richmond, Ky., A.B. **Address:** Route 1, Walton, Kentucky. H. S. geog. teacher since 1933 (*)

RINKUS, LOUIS PAUL. Clark U., B.A., 1948. Grad. Student and Grad. Asst., Dept. of Geog., U. of Wisconsin. **Address:** 203 N. Mills St., Madison, Wisc. **Major interests:** climates, land utilization, manufactural geog. (A)

RISTOW, WALTER W. U. of Wisconsin, B.A., 1931; Oberlin Coll., M.A., 1933; Clark U., Ph.D., 1937. Act. Chief, Div. of Maps, The Library of Congress, Washington, D. C. **Past positions:** Chief, Div. of Maps and Head of Map Room, New York Public Library; Head of Geog. and Map Sect., New York Office, MID; Instr., Eastern Washington Coll. of Ed. **Areas known first-hand:** Middle West, New England, Pacific Northwest, southeastern U. S. Limited travel in Alaska, w. Europe, Great Britain, Caribbean area. **Major interests:** cartography; map libraries; historical geog. **Current research:** marketing maps; problems of map libraries; historical cartography.

RITTER, COLIN. Wilson Teachers Coll., B.S., 1941. Div. of Geog., Dept. of Interior. **Address:** Box, 441 Benjamin Franklin Station, Washington, D. C. **Past position:** Lt., U. S. Army. **Areas known first-hand:** N. Africa, W. Europe. (A)

ROBERTS, KENNETH A. Syracuse U., A.B., 1934, M.A., 1935. Geographer, Topographic Detachment, Intelligence Div., Dept. of Army. **Address:** 928 N. Randolph St., Arlington, Va. **Past positions:** Topographic Br., War Dept.; Trans-World Airlines. **Areas known first-hand:** Ontario; Quebec; Maritime Provinces. **Major interests:** transportation; land utilization; urban geog.

ROBERTS, M. CATHERINE. Clark U., B. Ed., 1931, M.A., 1932, Ph.D., 1938. Prof. of Geog., State Teachers Coll., Potsdam, N. Y. **Past positions:** Cortland State Teachers Coll.; Supervisor and Teacher, Sherrill, N. Y.; Asst. in Geol., Mt. Holyoke Coll.; Acting Head, Dept. of Geog., Buffalo State Teachers Coll.; Geog. Dept. Lowville Academy. **Areas known first-hand:** southeastern Canada; eastern and northeastern U. S.; northeastern S. A. **Major interests:** anthropogeography; economic geog; physiography. **Current research:** northern N. Y.; Venezuela and Colombia.

ROBERTSON, INA CULLOM. U. of Illinois, B.S., 1921; Clark U., M.A. Head, Dept. of Geog., State Teachers Coll., Valley City, N. Dak. **Past positions:** Rural and Elementary schools, Ill. **Areas known first-hand:** Ozark Region, Southern Illinois, N. Dakota, British Isles. **Major interests:** regional geog., weather and climate.

ROBINSON, ANNA C. **Address:** Dept. of Geography, Northwestern Univ., Evanston, Ill. (A) (*)

ROBINSON, ANTOINETTE H. Coll. of William and Mary, A.B., 1945. **Position:** Map Researcher, Army Map Service. **Address:** 4626 Western Ave, N. W., Washington 16, D. C. **Past positions:** Cryptanalytic Aid, Army Security Agency. **Areas known first-hand:** U. S., mainly Mid-West and S. E. **Current research:** map research. (A)

ROBINSON, ARTHUR H. Miami U. (Ohio), B.A., 1936; U. of Wisconsin, M.A., 1938; Ohio State U., Ph.D., 1947. Assoc. Prof. of Geog., U. of Wisconsin. **Address:** Rt. No. 3, Madison, Wis. **Past positions:** Asst., U. of Wis.; Asst., Ohio State U.; Chief, Office of Strategic Services, State Dept. Map Div. **Areas known first-hand:** U. S., England. **Major interests:** cartography, map intelligence, physical geog. **Current research:** cartographic methodology; problems in the selection of map projections.

ROBINSON, J. LEWIS. Western Ontario, B.A., 1940; Syracuse U., M.A., 1942; Clark U., Ph.D., 1946. Assoc. Prof., Dept. of Geog., U. of British Columbia, Vancouver, B. C. **Past positions:** Instr., Syracuse U.; Chief Geographer, Northwest Territories Administration, Ottawa. **Areas known first-hand:** Canada, esp. northern part. **Major interests:** Arctic geog.; economic geog.; government use of geographers. **Current research:** textbook on geog. of Canada; textbook on geog. of Arctic Canada; maps of ice conditions in Arctic Canada.

ROBINSON, MALCOLM E. Syracuse U., B.A., 1946, M.A., 1948. Grad. Asst. Dept. of Geog., Northwestern U., Evanston, Ill. **Past positions:** Grad. Asst., Syracuse U. **Areas known first-hand:** New York, Arizona, British Columbia, southern Quebec. **Major interests:** Canada, the Arctic, settlement geog. (A)

ROBINSON, VIRGINIA M. U. of Pa., B.S., 1933; Clark U., M.A., 1934. Attache (Geographical) U. S. Foreign

Service. **Address:** c/o Special Asst. for Maps, Washington Auditorium, 19th and E Sts., N.W., Washington 25, D. C. **Past positions:** teacher of geog., N. Y. and N. J.; Office of Strategic Services, Washington, London, France; Mt. Holyoke Coll.; Dept. of State. France Spain Portugal. **Areas known first-hand** Central and S. A., West Indies, W. Europe, N. and W. Africa. **Major interests:** European and African mapping, human geog., state and city planning. **Current research:** the development of colonial Africa and attendant problems.

ROCKIE, WILLIAM A. U. of Nebraska, B.Sc. in Agriculture, 1914. Chief. Project Plans Div., Pacific Coast Region. **Address:** Soil Conservation Service, Swan Island, Portland 18, Oregon. **Past positions:** Soil Scientist, U. S. Dept. Agric.; Assoc. Prof. of Geog., U. of Nebraska; Geographer and Ecologist, U. S. Dept. of Agric. **Areas known first-hand:** U. S., esp. West and New England; Alaska, Hawaiian Islands, Mexico, Central and South America, Siberia. **Major interests:** geog.; plant and animal ecology; soil and water conservation. **Current research:** agricultural possibilities in the Arctic, espec. Alaska.

RODGERS, ALLAN L. City College of N. Y., B.S. in S.S., 1942; U. of Wisconsin, M.A., 1946. Asst. Prof., Dept. of Geog., U. of Oklahoma, Norman, Okla. **Past positions:** Grad. Asst., U. of Wis. **Areas known first-hand:** N. Africa. **Major interests:** U. S. S. R., Far East, industrial geography. **Current research:** industrial geog. Mahoning and Shenango valleys, Ohio and Pa.

ROGERS, HENRY G. Indiana U., A.B., 1941; U. of Chicago, M.S., 1948. U. S. Government. **Address:** 504 Bellvue Dr., Falls Church, Va. **Areas known first-hand:** France. **Major interests:** regional geog., economic geog. **Current research:** rural occupance in southwestern Indiana.

ROGERS, LOTTA M. **Address:** Albion College, Albion, Mich. (A) (*)

ROGERS, RICHARD R. **Address:** 1202 Lawndale, Royal Oak, Mich.

ROMAN, JAMES A. Geo. Wash. U., A.B., 1949. **Address:** 406 3rd Street, Monett, Mo. **Past positions:** Mtg. Loan Corres. and Appraiser. **Areas known first-hand:** W. Austria. **Major interests:** regional geog., cartography, investment business. **Current research:** Use and Production of Maps in the Federal Government.

ROMBERG, EDGAR A. (Lt. Col.). Hq. Air Training Command, Barksdale, Air Force Base, Shreveport, La. (A) (*)

ROSCOE, ESTHER (Mrs. John Roscoe). William Smith Coll., B.A., 1940; School of Library Science, Syracuse U., B.S., 1941. **Address:** Map Library, Div. of Geog. and Cartography, Dept. of State, Washington 25, D. C. (*)

ROSCOE, JOHN H. (Capt. USMCR) Syracuse U., B.A., 1939, M.A., 1941. Head, Geographic Section, U. S. N. Photo Interpretation Center. **Address:** 214 Portland St., S.E., Washington 20, D. C. **Past positions.** Asst. Prof. Geog., U. of Georgia. AAF, A-2. (*)

ROSE, JOHN KERR. U. of Indiana, B.A., 1928, M.A., 1931; U. of Chicago, Ph.D., 1935. George Washington U., J.D., 1945. Geographer, Legislative Reference Service, Library of Congress. **Address:** 1308 16th St., N.W., Washington 6, D. C. **Past positions:** Social Science Research Council Post Doctoral Fellow; Rural Electrification Admin.; Head Resources Division Foreign Economic Admin. **Areas known first-hand:** U. S., Korea. **Major interests:** statistical methodology; economic geog.; political geog. **Current research:** world resources; agricultural problems.

ROSS, CARL W. Ohio U., B.S., 1937. Geographer, Office of the Quartermaster General. **Address:** 1901 Wyoming Ave. N. W., Washington, D. C. **Past positions:** Teacher, Monroe Jr. High School, Ohio; Geog., Intel. Div., Dept. of the Army, Washington, D. C. **Areas known first-hand:** eastern U. S.; Mediterranean area. **Major interests:** human geog.; political geog. (A)

ROTERUS, VICTOR. U. of Chicago, Ph.B., 1929, M.S., 1930. Asst. Chief, Area Development Div., U. S. Dept. of Commerce. **Address:** 5611 Overlea Road, N.W., Washington 16, D. C. **Past positions:** Resident Dir., Social Science Research Project, U. of Michigan; Chief of Research, City Plan Commission, Cincinnati; Deputy Dir., Forest Products Div., War Production Bd.; Senior Planning Technician, Natural Resources Planning Bd.; Geographer, TVA; Instr., School of Business Administration, Washington State Coll. **Areas known first-hand:** U. S., primarily urban and industrial phases; S. A. **Major interests:** economic and urban geog. **Current research:** area and industrial development.

ROTHSCHILD, KAYE. **Address:** 656 W. 170th St., New York 32, N. Y.

ROWAN, JAMES E. Nebraska State Teachers Coll., Chadron, A.B., 1938; Colorado State Coll. of Education, A.M., 1941. Asst. Prof., Geog. and Geol., Eastern New Mexico Univ., Portales, N. M. **Past positions:** Prof., Soc. Studies, Scottsbluff Jr. Coll., Scottsbluff, Nebr.; Instr., Kans. State Teachers Coll.; Asst. Prof., Colo. A. & M., Ft. Collins; Instr., Ohio State U. **Areas known first-hand.** U. S. **Major interests:** economic geog. **Current research:** agricultural and industrial growth in N. M. and Ariz.

ROWELL, ELEANOR M. **Address:** 8159 Riverside Drive, Powell, Ohio.

RUDOLPH, WILLIAM E. New York U., B.S. (Civil Engineering), 1910. Chief Engineer, Chile Exploration Co., Chuquicamata, Chile. **Past positions:** various positions as chief engineer for Hochschild Co. in tin mining in Bolivia, for Certain-teed Products Corp. in manufacturing in U. S. and Canada, chief design engineer for Dorr Co. and for Anaconda Copper Co. (*)

RUGGLES, RICHARD I. U. of Toronto, B.A., 1945; Syracuse U., M.A., 1947. Lecturer, Dept. of Geog., McMaster U., Hamilton, Ontario, Canada; Ph.D. Candidate, London School of Economics, London, England. **Past positions:** Asst. in Geog., U. of Toronto; Grad. Asst., Dept. of Geog., Syracuse U.; Instr., Russian Summer School, Syracuse U. **Areas known first-hand:** E. and W. Canada, N. Saskatchewan; N. E., Middle West, N. W. United States. **Major interests:** Soviet Union and E. Europe, Canadian subarctic, cartography and field methods, social and economic planning. **Current research:** social and economic planning in subarctic of Saskatchewan. history, content and character of national atlases as reference for planning National Atlas of Canada.

RUMAGE, KENNARD W. The Pennsylvania State Coll., 1947. Grad. Asst., Dept. of Geog., Pennsylvania State College. **Address:** 442 West Ridge Ave., State College, Pa. **Areas known first-hand:** Cape Breton Island, Nova Scotia, S. Canada; France, Belgium, Poland, Southwest U. S. S. R.; N. Y. and Pa. **Major interests:** Alaska; economic and political geog. **Current research:** problems confronting development of Alaskan transportation systems.(A)

RUMAGE, MARIGOLDE KINNEY (Mrs. Kennard W. Rumage.) The Pennsylvania State Coll., B.A., 1947. Grad. Asst., Dept. of Geog., Pennsylvania State Coll. **Address:** 442 Ridge Ave., State College, Pa. **Areas known first-hand:** much of U. S., Nova Scotia, Alberta, Ontario and Saskatchewan, Canada. **Major interests:** Alaska and Canada; economic geog. **Current research:** Matanuska Valley, Alaska. (A)

RUMNEY, GEORGE R. U. of Mich., A.B., 1939, Ph.D., 1947. Asst. Prof. of Geog., U. of Connecticut, Storrs, Conn. **Past positions:** Asst. Prof., Florida State U. **Areas known first-hand:** Ontario, Canada; Bahama Islands, Southeastern Cuba, Neth. West Indies, Trinidad, Puerto Rico, Panama, Hawaiian Islands, Marshall Islands. **Major interests:** physical geog. historical geog. **Current Research:** Settlement and land-forms of the Laurentian Upland, geographic factors in the evolution of ports and harbors.

RUNKLE, EVELYN. Ohio State U., B.S. in Ed., 1928, M.A. (Geog.), 1938. **Address:** R. R. 1, Kinsman, Ohio. **Past positions:** Public Schools, Ohio, East Detroit, Mich., Temescal Girls' School, Corona, Calif. **Areas known first-hand:** much of U. S. **Major interests:** teaching of H. S. and Jr. H. S. geog.

RUSSELL, GEORGE C., Jr. Dept. of Geography, Syracuse U., Syracuse 10, N. Y. (A) (*)

RUSSELL, JOSEPH A. U. of Michigan, A.B., 1931, Ph.D., 1938. Head, Dept. of Geog., U. of Illinois, Urbana, Ill. **Past positions:** Instr., Asst. Prof., Dept. of Geol. and Geog., Syracuse U.; Chief, Geographic Research Sect., Topographic Br., MIS; Assoc. Prof., Syracuse U.; Consultant to Dir. of Marketing Research, Ford Motor Co. **Areas known first-hand:** Japan. **Major interests:** industrial and marketing geog.; Far East; plant ecology and soils. **Current research:** industrial geog., of the Ford Motor Company.

RUSSELL, RICHARD J. U. of California, A.B., 1920, Ph.D., 1926. Dean, Grad. School. Louisana State U., Baton Rouge 3, La. **Areas known first-hand:** North America, W. Europe. **Major interests:** geomorphology. **Current research:** surface of Belgium.

RUTHVEN, ALEXANDER G. President, U. of Michigan, Ann Arbor, Michigan.

RYAN, THOMAS S. Major, U. S. Army Air Force. **Address:** Box

University Station, Syracuse, N. Y. (A) (*)

SACKETT, EDWARD. Syracuse U., M.A., 1942. **Address:** R. R. No. 4, Box 17, Maple Ave., Vienna, Va. **Past Positions:** Army Map Service; Photo Intelligence, U. S. Navy Lt.

SALZMAN, ABBA H. U. of Chicago, S.B., 1944. Fellow, Hebrew U., Jerusalem, Israel. **Permanent address:** 5435 S. Ellis Ave., Chicago 15, Ill. **Past positions:** Encyclopaedia Britannica; grad. asst., U. of Chicago. **Areas known first-hand:** Middle West, Maine, Wisconsin, Palestine. **Major interests:** geog. of ports, transportation and communication. **Current research:** port of Tel. Aviv.

SANDT, ANNA B. George Washington U., A.B., 1947. Research Analyst (cartographic.) **Address:** 1425 Rhode Island Ave., N. W., Apt. 303, Washington 5, D. C. **Areas known first-hand:** Wisconsin. **Major interests:** economic geog., political geog. **Current research:** changes in waterfront at Washington, D. C. (A)

SANTES MARIE. Carleton Coll., B.A., 1911, N. Y. State Library School, B.L.S. U.S. Government. **Address:** 2505 13th Street, N.W.. Washington 9, D. C. **Past positions:** U. of Minnesota Library, Stanford U. Library, U. S. Dept. of State Map Library. **Areas known first-hand:** parts of U. S. and Canada; Mediterranean Europe, Asia, and Africa; Germany. (A)

SARGENT, R. HARVEY. Chief, Section Inspection and Editing, Topographic Br., U. S. Geological Surv., Washington, D. C. **Address:** 408 Oakwood St., S. E., Washington, D. C. (*)

SAUCERMAN, SOPHIA A. (Mrs. Charles H. Saucerman) U. of Chicago, M.S., 1923. Asst. to the Geographer, U. S. Dept. of State, Washington, D. C. **Address:** 3000 Legation St., N.W., Washington 15, D. C.

SAUER, CARL O. Prof., Chairman, Dept. of Geography, U. of California, Berkeley 4, Calif.

SAVAGE, JAMES W. Student, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Past positions:** U. S. Navy. **Areas known first-hand:** Pacific N. W., Calif., Fla.; Hawaiian Islands; Caribbean. **Major interests:** area analysis. (A)

SAVARD, JAMES D. U. of Wis., M.S., 1948. U. S. Government. **Address:** 5131 Hanna Pl. S. E., Washington 19, D. C. **Areas known first-hand:** British Isles, France, Germany. **Major interests:** regional geography, current development in cartography. **Current research:** geographic analysis of the tin mining industry of Southeast Asia.

SCHADEGG, FRANCIS J. E. Washington Coll. of Education, B.A. in Ed.; Clark U., M.A., Associate Prof., Dept. of Geog., E. Washington Coll. of Education, Cheney, Wash. **Past positions:** elementary schools, Wash.; Hunter Coll., N. Y.; U. S. Dept. of Agriculture and Mass. State Dept. of Agriculture Coop.; U. S. Dept. of Agriculture. **Areas known first-hand:** U. S.; S. W. Canada and Canadian-Alaskan coast; Marianas Is. **Major interests:** land planning; political geog.; climatology. **Current research:** Land use planning in the Colville Valley Ph.D., thesis physiography of the Colville Valley.

SCHAEFER, FRED K. **Address:** Dept. of Geography, The State University of Iowa, Iowa City, Iowa. (*)

SCHAUER, VIRGINIA P. M.L., in Geog., U. of Pittsburgh, 1943. **Address:** 118 Brightwood Ave., Pittsburgh 29, Pa.

SCHELSNES, OLE C. Central State Teachers Coll., Stevens Point, Wis., B.E., 1940. Geographer, U. S. Board of Geographical Names. **Address:** 1416 Varnum St., N. W., Washington, D. C. **Past positions:** Instructor, U. S. Army.. **Areas known first-hand:** Brazil. (A)

SCHERER, MILTON E., W. Mich. Coll. of Ed., B.A., 1925; U. of Michigan, M.A., 1934 assistant prof. and chairman Geog. Dept., Michigan Coll. of Mining and Technology, Sault Ste. Marie, Mich. **Past positions:** Muskegon Jr. Coll. **Areas known first-hand:** Lake States, S. Canada, parts of Japan, Korea and E. China. **Major interests:** Pacific Asia, physiography of N. A. conservation. **Current research:** continental glaciation of E. Canada and Lake region.

SCHILZ GORDON B., Albion Coll. A.B., 1929; Columbia U., M.A., 1930; Clark U., Ph.,D., 1948. Prof. Southeastern State Coll., Durant, Okla. **Address:** 310 W. Willow, Durant, Okla. **Past positions:** Supt. of Schools; Prof. Iowa Wesleyan Coll. **Areas known first-hand:** U. S., Ontario, Quebec, N. E. Mexico, W. Europe. **Major interests:** soils and population; political and historical; China and Peru. **Current research:** upland soils of U. S.

SCHINDLER, RUTH ANN. **Address:** 2001 Fourth Street, Bay City, Mich. (*)

SCHLESSELMAN, GEORGE W. Iowa State Teachers College, B.A., 1927; Clark U., M.A., 1928; U. of Nebr., Ph.D., 1945. **Position:** Head, Geog. Dept., Texas A. & M. Coll., Box No. 2FE, Coll. Station, Texas. **Past positions:** Hillsdale Coll. **Areas known first-hand:** Central Europe, West Indies, N. Africa. **Major interests:** economic Geog., climatology. **Current research:** Geog. of Texas.

SCHMIDT, NICHOLAS JAMES, JR. U. of Kansas, A.B., 1948. U. of Kansas, M.A., 1949. Asst., Dept. of Geog., U. of Illinois, Urbana, Illinois. **Areas known first-hand:** U. S. Midwest. **Major Interests:** Historical geog.

SCHMIDT, OSWALD. Pennsylvania State Coll., M.Ed., 1942. Prof. U. of Pittsburgh. **Address:** R.D. No. 1, Three Springs, Pa. **Past positions:** Office of Strategic Services. **Areas known first-hand:** Middle Atlantic States and southeastern England. **Major interest:** economic geog. **Current research:** industrial shifts in Pennsylvania.

SCHMIEDER, OSCAR. U. of Heidelberg, Germany, Ph.D., 1915. Full Prof., Chairman, Dept. of Geog., U. of Kiel, Kiel, Germany. **Past positions:** Docent, U. Bonn, Germany; Full Prof., U. of Cordoba, Argentine; Assoc. Prof., U. of California; Full Prof., U. Halle, Germany. **Areas known first-hand:** Argentine, Bolivia; Mexico; North Africa; southern, western and central Europe. **Major interests:** regional geog. of Latin America.

SCHNEIDER, NOREEN F. Clark U., M.A., 1942. **Address:** 80 Indian Road, Port Chester, N. Y. (*)

SCHOCKEL, BERNARD H. U. of Chicago, S.B., 1911, A.M., 1913, Ph.D., 1947. Dept. of Geog. State Teachers College, Mankato, Minn. **Permanent address:** P. O. Box 134 Aurora, Ind. **Past positions:** Head, Dept. Geog., Indiana State Teachers Coll.; Instr., Washington U.; Tennessee Valley Authority. **Areas known first-hand:** Illinois, Kentucky, Tennessee Valley, western Europe. **Major interests:** manufactural geog., economic and historical geog.

SCHROEDER, CARLTON R. U. of Wisconsin, B.A., 1939, M.A., 1947. Instr., Washington State Coll., Pullman, Wash. **Address:** 1901 S. Layton Blvd. Milwaukee 4, Wisc. **Past Positions:** U. of Wisconsin, Milwaukee Extension Center. **Areas known first-hand:** Southern Wisconsin, western U. S., W. Europe. **Major interests:** physical geog., climate, glacial geol.

SCHULTZ, NEIL S. U. of Michigan, A.B., 1942. Photogrammetrist, U. S. Coast and Geodetic Survey, Washington, D. C. **Address:** 2832 S. Abington St., Apt. B-2, Arlington, Va. **Areas known first-hand:** Michigan. **Major interests:** cartography; photogrammetry.

SCHWARTZ, PAULINE P. Iowa State Teachers Coll., A.B.; Columbia Univ., M.A. **Address:** 1233 Dunbar Hill Road, Hamden, Conn.

SCHWARZ, HERBERT, J. JR. **Address:** 435 E. 57th St., New York 22, N. Y. **Areas known first-hand:** U. S. and Mexico. **Major interest:** regional description. **Current research:** craft and art materials used in regional description.

SCHWENDEMAN, JOSEPH R. Ohio U., B.S., in Ed., 1926, Clark U., A.M., 1927, Ph.D., 1941. Head, Dept. of Geog. U. of Kentucky, Lexington, Ky. **Areas known first-hand:** Kentucky, Ohio, Minnesota, central Canada, Mexico. W. Europe. **Major interests:** physical geog., climatology, physiography. **Current research:** regional geog. of the Lower Ohio Valley, geog. enrollment in institutions of higher learning.

SCIENCE ASSOCIATES. **Address:** 401 North Broad St., Philadelphia 8, Pa. (see advertisement)

SCOFIELD, CARL S. Retired Principal Agriculturalist in Charge of Irrigation Agriculture, U. S. Dept. of Agriculture. **Address:** Lanham, Md. (*)

SCOTT, IMA. **Address:** Box 235, Aurora, Ore. (*)

SCOTT, MRS. RITA KELLY. Worcester State Teachers Coll., B.S.E., 1940; Clark U., M.A., 1942. **Address:** 151 Stratford Rd., Brooklyn, N. Y.

SCOTT, ROBERT F. **Address:** Standard-Vacuum Oil Co., 26 Broadway, New York 4, N.Y. (A) (*)

SCOTT, ROLAND F. U. of Illinois, B.S., 1943. Grad. work, L.A. St. Coll., U. of S. California, National U. of Mexico. **Address:** Box 213, University Stat., Urbana, Ill. **Areas known first-hand:** Mexico, Calif., Fla., Ind., Ill. **Major interests:** climatology, maps. (A)

SEAWALL, FRANCIS. Grad. Student, Dept. of Geog., U. of Minnesota, Minneapolis, Minn. (A) (*)

SEELEY, OLA. Eastern Illinois State Teachers Coll., B.S., 1946. U. of Nebraska, M.A., 1948. Research Assistant to Dr. Sorneson, U. of Nebraska. **Address:** 305 E. Springfield Ave. Champaign, Illinois. **Areas known first hand:** Illinois, Nebraska, Wyoming. **Major interests:** world geog., economic geog., **Current research:** world geog. at sixth-grade level. (A)

SEHORN, TALBERT D. Oregon State Coll., B.S., 1949. Cartographer for Klamath County, Ore. **Address:** 3114 LeVerne Ave., Klamath Falls, Ore. **Past Positions:** Military Service in Pacific Theater. **Major interests:** South America, resource geog. **Current research:** petroleum in S. A. (A)

SELF, HUBER. Oklahoma A. and M. M.S., 1947 Instr. Dept. of Geol. and Geog., Kansas State Coll., Manhattan, Kans. **Past positions:** Elementary and High School Principal; U. S. Navy. **Areas known first hand:** Middlewest, Ouachita Mt., region, Nevada and California. **Major interests:** economic geog., conservation. **Current research:** magnesium industry.

SELL, E. S. U. of Georgia, B.S., 1910, M.S., 1915. Prof. of Geog., U. of Georgia, Athens, Ga. **Areas known first-hand:** Georgia. **Major interest:** climate, Latin America.

SEYMOUR, F. O. **Address:** McNeese Coll., Lake Charles, La. (A) (*)

SHABAD, THEODORE Coll. of the City of N. Y., B.S., 1944. Asst. Editor, Columbia-Lippincott Gazetteer. **Address:** Editorial Dept., Columbia U. Press, New York 27, N. Y. **Past positions.** Cartographer, N. Y. Times; Editorial Assoc., C. S. Hammond & Co., **Areas known first-hand** Germany; Poland; France; Latvia, Wisc. **Major interests:** political and economic geog. of the U.S.S.R., political-administrative divisions of the world. **Current research:** geog. of the U.S.S.R., world gazetteer compilation.

SHANK, MARJORIE. U. of North Dakota, B.A., 1921; Clark U., M.A., 1923. **Position:** Assoc. Prof. of Geog. and Registrar, Southern Illinois U., Carbondale, Ill. **Past positions:** S. Illinois U. since 1923.

SHANKLIN, ROBERT. **Address:** Dept. of Geology, Ohio Wesleyan U., Delaware, Ohio. (A) (*)

SHANNON, KATHLEEN. Duluth State Coll., B.S., 1941. Analyst A.A.F. Air Intelligence Div. **Address:** 1631 Euclid St., N. W., Washington, D. C. **Past positions:** Duluth Public Schools. **Areas known first-hand:** northern Minnesota. **Major interests:** photography.

SHANTZ H. L. Colorado Coll., B.Sc. 1901; U. of Nebraska, Ph. D., 1905. Annuitant Collaborator U. S. Dept. Agric. **Address:** 454 Paseo del Descanso, Santa Barbara, Calif. **Past positions:** Physiologist in Charge, Phys. and Fermentation Invest., B.P.I., U. S. Dept. of Agric.; Physiologist in Charge, Plant Geog. in Relation to Plant Industry; B.P.I., U. S. Dept. Agric.; Prof. of Botany and Hd. of Dept., U. of Ill.; President, U. of Arizona; Chief, Div. of Wildlife Management, U. S. Forest Service. **Areas known first-hand:** U. S. esp. Gt. Plains, northern and southern deserts, national forests and grasslands; plains portions of Canada, N. Mexico, Alaska, Africa, Europe, Caucasus, Switzerland. **Major interests and Current research:** plant geog. in its relation to agric., animal and human occupation

SHARP, HENRY STAATS. Cornell U., A.B., 1924; A.M., 1926; Columbia U., Ph.D., 1929. Assoc. Prof. of Geol., Exec. Officer, Dept. of Geol. and Geog., Barnard Coll. **Address:** Barnard College, New York 27, N. Y. **Areas known first-hand:** northwest and southeast Wyoming; Hudson Valley and New York City district; Northern Appalachians; Conn. shoreline; Okinawa; Palau Islands; Scandinavian Peninsula; Russsia. **Major interests:** general and regional geomorphology; map interpretation; structural geol. **Current research:** Geomorphic problems of northern Appalachians and eastern Triassic areas.

SHARPE, C. F. STEWART. Columbia U., A.B., 1928, M.A., 1937, Ph.D., 1938. U. S. Govt., Washington, D. C. **Address:** 221 Monroe St., Falls Church, Va. **Past positions:** Soil Conservation Service, Physiographic Research; O. S. S.; Geographer, Dept. of State; Editor in Chief, Joint Intelligence Study Publishing Board. **Areas known first-hand:** U. S. **Major interests:** Landslides and other mass movements of rocks and soil; normal and accelerated erosion; geomorphology; military geog.; coasts.

SHAW, EARL B. Washington U., St. Louis, B.B.A., 1927; M.A., 1929; Clark U., Ph.D., 1933. Prof. of Geog., State Teachers Coll., Worcester. **Address:** 46

Elm St., Worcester, Mass. **Past positions:** Asst. Instr. in Geog., Washington U., St. Louis; State Teachers Coll., Worcester, 1933. **Areas known first-hand:** Carribbean Amer.; **Major interests:** economic geog.; agricultual geog.; Latin America. **Current research:** Problems in agricultural geog.

SHAW, REGINALD M. **Address:** 1006 E. 2nd St., Ellensburg, Washington.

SHAWKEY, ADA M. U. of Pittsburgh, B.S., 1935; M.L., 1940. **Address:** State Teachers Coll., Framington, Mass. **Past positions:** Aliquippa, Pa. H. S.

SHEARER, M. H. U. of Missouri, B.S., 1916; U. of Wisconsin, 1928. Teacher of Physical Geog., Westport H. S., Kansas City 2, Mo. **Address:** 6100 Charlotte St., Kansas City 4, Mo. **Major interests:** physical geog.; geog. and aeronautics. (*)

SHELFORD, VICTOR E. U. of Chicago, B.S., 1903; Ph.D., 1907. Emeritus Prof. of Zoology, U. of Ill., Vivarium Bldg.; Wright and Healey St., Champaign, Ill. **Past positions:** Instr. in Zoology, U. of Chicago.. **Areas known first-hand:** U. S.; prairie provinces of Canada incl. N. Mannitoba; Canal Zone; N. E. Mexico; El Salvador; W. Guatemala.

SHERMAN, JOHN CLINTON. U. of Michigan, 1937; Clark U., M.A., 1943; U. of Washington, Ph. D., 1947. Asst. Prof., Dept. of Geog., U. of Washington, Seattle 5, Wash. **Areas known first-hand:** U. S., esp. Pacific Northwest. **Major interests:** cartography, conservation, econ. geog. **Current research;** poultry industry of Pacific N. W.; two outline maps (world and U. S.)

SHERMAN, SIDNEY. **Address:** Apt. 402, 1660 Lanier Place, N. W., Washington 9, D. C. (A)

SHIDELER, WILLIAM W. U. of Chicago, S. M., 1939. **Address:** 110 S. Campus, Oxford, Ohio. **Past positions:** Carroll Coll., Waukesha, Wisc.

SHIPMAN, JULIA M. Clark U., Ph.D., 1928. **Address:** E. Arlington, Vt. **Past positions:** Mt. Holyoke, Coll., U. of Missouri.

SHREVE, FORREST. Johns Hopkins U., A.B., 1901; Ph.D., 1905. Retired. **Address:** 297 N. Main St., Tucson, Ariz. **Past positions:** Member of Staff, later, in charge of Desert Laboratory of the Carnegie Institution, Tucson. **Areas known first-hand:** southwestern U. S.; N. Mexico; desert areas. **Major interests:** plant geog.; relations of climate to vegetation.

SHUMAN, STANLEY B. Dept. of Geology. The College of Wooster, Ohio. **Address:** 1447 Cleveland Rd., Wooster, Ohio.

SIEGMUND, ROBERT, J. III. Student, Mich. State College. **Address:** 20900 Lahser Road, Detroit 19, Mich. **Major interests:** South American physical geog. and Laurentian Highland. (A)

SILLMAN DOROTHY L. **Address:** 2514 Q. St., N. W., Washington 7, D. C. (A) (*)

SILVA, FELIPE. **Address:** P. O. Box 179, Cienfuegos, Cuba. (A) (*)

SILVER BURDETT COMPANY. **Address:** 45 East 17th St., New York 3, N. Y. (see advertisement)

SIMMONS, ANNA G. E. Clark U., M.A., 1935. **Address:** State Teachers Coll., Fitchburg, Mass. (*)

SIMPSON, GEORGE L. U. of Wisconsin, Ph.B., 1916, Ph.M., 1932. Chairman, Geog. Dept., State Teachers Coll. **Address:** 321 McKinley Ave., Eau Claire, Wis. **Areas known first-hand:** U. S., British Isles, France. **Major interests:** N. A. U.S.S.R., geomorphology.

SIMPSON PATTYE. Columbia U., M.A., 1940. **Address:** Kentucky State College, Frankfort, Ky. (A) (*)

SIMPSON, ROBERT B., Lt. Col. U. of North Dakota, A.B., 1931; Clark U., M.A., 1933, Ph. D., 1941. Army Secretary, Committee on Geophysics and Geography. Research and Development Board, Office Secretary of Defense. **Address:** 431 Rittenhouse St., N.W., Washington 11, D. C. **Past positions:** Instr. Geog., U. of Rochester; Chief, Brazilian Sect. and Exec. Officer, Amer. Intel. Group, M.I.S. Mil. Liaison and Intel. Officer (Belem, Brazil); Acting G-2, Hq. U. S. Army Forces South Atlantic; Deputy Chief, Terrain Sect., Topo. Br., Mil. Intel. Service; Asst. Mil. Attache, American Embassy, Rio de Janeiro. **Areas known first-hand:** Brazil; Caribbean; S. Atlantic; E. South America; New England; the Southeast; southern Cal. **Major interests:** research techniques; Latin America; economic geog. **Current research:** geog. research techniques.

SIPLE, PAUL A. Allegheny Coll., B.S., 1932; Clark U., Ph.D., 1939; Allegheny Coll., D.Sc. (Honorary)

1942. Military Geographer, Dept. of Army Gen. Staff. **Address:** 4609 North 19th St., Arlington, Va. **Past position:** U.S.A., Q.M.C. In charge of Climatology and Environmental Protection Research; U. S. Antarctic Service Senior Geographer; Byrd Antarctic Expedition II—Chief, Biology Dept.; Byrd Antarctic Expedition I—Naturalist and Dog Driver; Draftsman, Pa. Highway Dept. **Areas known first-hand:** Antarctic, N. A. including Arctic, Pacific Islands, New Zealand, Australia, Patagonia, Chile, Europe, Near East, Egypt, Japan. **Major interests:** Polar exploration; military geog.; application of geog. factors to human protection (clothing and shelter.) **Current Research** military geog. (classified); deformation of the Ross Shelf Ice; deformation patterns on the earth's surface (geomorphology); environmental housing requirements in U. S. (industrial consultant); geographic factors applied to clothing and textile research (industrial consultant.)

SISCO, PAUL H. Memphis State U., B.S., 1934; George Peabody Coll. for Teachers, M.A., 1947. Instr. of Geog., Memphis State Coll., Memphis, Tenn. **Past positions:** Memphis City Schools. **Areas known first-hand:** Tennessee.

SKIRM, THEODOSIA. **Address:** 1237 33rd St., N. W., Washington, D. C., (A) (*)

SLUTSKY, GERTRUDE B. U. of Pittsburgh, B.S., 1934; U. of Chicago, M.S., 1945. Instr., H. S., Charleston, W. Va. **Address:** 1634 A Quarrier St., Charleston 1, W. Va. **Areas known first-hand:** W. Va. **Major interests:** urban and industrial geog. **Current research:** population problems of Kanawha County with Charleston as a focal point; industrial geog. of Kanawha County.

SMART, MARGARET. Queens Coll., Charlotte, N. Car., A.B.; U. of N. Carolina. Head, Geog. Dept., Concord H. S. **Address:** 31 N. Spring St., Concord N. Car. **Areas known first-hand:** Eastern U. S. and Canada, Pacific States, parts of Mexico, Cuba. **Major interests:** travel (A)

SMITH, ELEANOR G. (Mrs.). 600 W. 146th St., New York 31, N. Y.

SMITH, FLORENCE LITMAN. Morehead State Coll., A.B., 1939; Geo. Peabody Coll., M.A., 1942. Teacher, Portsmouth Schools and Ohio U., Portsmouth Branch. **Address:** 1333 Coles Blvd., Portsmouth, Ohio. **Past positions:** Teacher, Boyd County, Ky., Schools; Case worker, U. S. Board on Geographic Names. **Areas known first-hand:** Ohio Valley, N. Wyoming to S. New Mexico. **Major interests:** teaching of geog., all levels.

SMITH, GUY-HAROLD. U. of Wisconsin, Ph.B., 1921; Ph.D. 1927. Chairman, Prof., Dept. of Geog., Ohio State U., Columbus 10, Ohio. **Past positions:** Grad. Asst., U. of Wisconsin; Instr., U. of Pennsylvania; Instr., U. of Wisconsin; Assoc., U. of Illinois. **Areas known first-hand:** U. S., Canada, Alaska. **Major interests:** cartography, geomorphology, economic geog. **Current research:** conservation of natural resources; terrain anaysis and physiography drawing.

SMITH, HELEN L. U. of Colorado, B.A., 1937; Peabody Coll., M.A., 1938. Asst. Prof., Wheaton Coll., Wheaton, Ill. (on leave) **Address:** School of Geog., Clark U., Worcester 3. Mass. **Past positions:** junior high teaching; Wilson Teachers Coll.; U. S. Board on Geog. Names. **Major interests:** economic geog., southeast Asia. **Current research:** agricultural land use in Iowa.

SMITH, HENRY DIXON. Grad. Student, Dept. of Geog., U. of Minnesota, Minneapolis, Minn. (A)

SMITH, HULAH B. U. of Illinois, M.S., 1927. **Address:** 609 S. State, Champaign, Ill. (*)

SMITH, J. RUSSELL. U. of Pennsylvania, B.S., 1898, Ph.D., 1903; Columbia U. Sc. D., 1929. Retired. **Address:** Swarthmore, Pa. **Past positions:** Research Asst., Isthmian Canal Comm., Washington; Instr. to Prof., U. of Pennsylvania; Spec. Trade Expert, War Trade Bd., Washington; Prof. Econ. Geog., Columbia U. Emeritus. **Areas known first-hand;** U. S. W. Canada, West Indies, W. Mediterranean, W. Europe, China, Japan, India. **Major interests:** economic geog.; conservation of natural resources; tree crop agriculture. **Current research:** tree crop agriculture.

SMITH, L. MARJORIE. Bowling Green State U., Ohio, B.S., 1943; Syracuse U., M.A., 1947. Grad. Asst., Dept. of Geog., 401 University Hall, Northwestern U., Evanston, Ill. **Past position:** public schools, Waldo, Ohio; Marion, Ohio. **Areas known first-hand:** Ohio, Wisconsin. **Major interests:** physiography, industrial geog., Africa.

SMITH PAUL A. Rear Admiral, Alternate Representative of the U. S. to International Civil Aviation Organization, Montreal. **Address:** Rm. 1259, Sun Life Bldg., Montreal, Quebec, Canada. (*)

SMITH, RUTHANNA. U. of Wisconsin, B.A., 1946, M.A., 1947. Research, Virginia Geographical Inst. **Address:** 903 Rugby Road, Charlottesville, Va. **Past positions:** Research, office of Strategic Services; Instr. U. of Wisconsin Ext., Racine, Wis. **Areas known first-hand:** Wis., Va.

SMITH, THOMAS R., Swarthmore Coll., B.A., 1933; Columbia U., Ph.D., 1943. Assoc. Prof. Dept. of Geog., U. of Kansas, Lawrence, Kans. **Past positions:** Visiting Lecturer, Harvard U.; Chief, Far Eastern Sect., Map Intelligence Br., Div. of Map Intelligence and Cartography, Dept. of State; Senior Cartographer and Map Intelligence Officer, Office of Strategic Services, European Theater; Lecturer in Economic Geog., Columbia U. **Areas known first-hand:** eastern and southern Asia, England; Germany; southern New England. **Major interests:** regional geog. of the Far East; economic geog., esp. industrial; regional geog., of U. S. **Current research:** industrial geog. of the Kansas City area.

SMITH, VALENE, U. of California at L. A., B.A., 1947. Instr., Earth Science Dept., Los Angeles City Coll. **Address:** 448 N. Formosa Ave., Los Angeles, 36, Calif. **Areas known first-hand.** Los Angeles Basin. **Major interests:** cultural geog., Anglo-America, Europe. **Current research:** Canoga Park, Calif., a study of sequent occupance (M.A. thesis at U.C.L.A.).

SMITH, VILLA B. U. of Chicago, S.B., 1909, S.M., 1933. Teacher, John Hay H. S., Cleveland, Ohio. **Address:** 2104 Stearns Road, Cleveland 6, Ohio. **Past positions:** Cleveland School of Ed., and School of Ed., Western Reserve U., Asst. prof. Western Reserve U. **Areas known first-hand:** Cleveland Area, Ohio, bulk freight trade of Great Lakes. **Major interests:** horticultural marketing in Metropolitan Cleveland, teaching problems. **Current research:** development of iron ore traffic in Cleveland.

SNYDER, L. E. George Peabody Coll., B.S., 1931; M.A., 1932. Instr. in Geog., Memphis State Coll., Memphis, Tenn. **Past positions:** Principal Grammar School, Dadeville, Ala.; Instr. Math., County High School, Dadeville, Ala.; Instr., Sciences, Morgan Co. H. S., Hartselle, Ala.; Senior H. S., Selma, Ala. **Areas known first-hand:** The South. **Major interests:** human adjustment problems—climatic, economic, physiographic. **Current research:** soil erosion in the cotton and tobacco South.

SOBOL, JOHN A. **Address:** Box 561, Memphis State College, Memphis 11, Tenn. (A)

SOMME, AXEL. **Address:** Dosent, Handelshoyskole, Bergen, Norway.

SOMMERS. LAWRENCE M. U. of Wisconsin, Ph. M., 1946. Fellow of the American Scandinavian Foundation and Social Science Research Council. **Address:** c/o Dept. of Geology & Geography, Michigan State College, East Lansing, Mich. **Past positions:** Grad. Asst. U. of Wisconsin and Northwestern U. **Areas known first-hand:** Algeria, Italy, Norway, Sweden, England. **Major interests:** W. Europe, esp. Scandinavia; econ. geog. **Current research:** The Norwegian Fishing Industry (Ph.D., dissertation.)

SOMMERS, MARGARET HARRISON. U. of North Carolina, M.A. 1936; U. of Chicago, M.S., 1947. Instr. in Geog. **Address:** Mich. State Coll. E. Lansing, Mich. **Areas known first-hand:** Alaska, Western Canada, and Mexico. **Major interests:** regional geog. of Alaska, Mexico and Europe.

SORENSEN, CLARENCE W. U. of Chicago, M.A., 1947. Asst. Prof., Illinois State Normal U., Normal, Ill. **Past positions:** Special Lecturer, U. of Minn., Community Program Service. **Areas known first-hand:** Europe, Near East, India, China, Mexico., S. A. **Major Interests:** Asia, Latin America, educational geog. **Current research:** geog. in education; urban communities.

SORRENTINO, MRS. ANNIE M. **Address:** 4106 N. Henderson St., Arlington, Va. (A)

SPECHT, RAYMOND E. Clark U., M.A., 1947. Geog. Dept., Central State Teachers Coll., Stevens Point, Wis. **Past positions:** Wis. Rapids High School. **Areas konwn first-hand:** New England, Middle West, Great Plains. **Major interests:** physiography, land use, cartography.

SPENCER, JOSEPH EARLE. U. of California at Los Angeles, A.B., 1929; U. of California at Berkeley, Ph.D., 1936, Assoc. Prof., Dept. of Geog. U. of California, 405 Hilgard Ave. Los Angeles 24, Calif. **Past positions:** Asst. Dist. Dir., Salt Admin., Ministry of Finance, Chinese Nat's Gov't.; Research Analyst to Asst. Chief, Far

East Div., Office of Strategic Services; Capt. to Lt. Col. Army of U. S. **Areas known first-hand:** China, India, Southeast Asia. **Major interests:** cultural geog.; economic geog.; regional geog. of Asia. **Current research:** cultural geography of south and eastern Asia.

STAATS, J. RILEY. U. of Wisconsin, PhD., 1933. Chairman, Dept. of Geog., U. of Miami, University Branch, Miami, Fla.

STACEY, KARL. U. of Colorado, B.A., 1936, M.A., 1937. Assoc. Prof. of Geog., Kansas State Coll., Manhattan, Kansas. **Past Positions:** Dept. of Geol. and Geog., Hunter Coll., New York City; Amerada Petroleum Corp., Rio Vista, Calif. **Areas known first-hand:** New England, Colorado, California, Balkan countries, Switzerland. **Major interests:** petroleum: world distribution and resources. **Current research:** shifting sources of iron ore for U. S. steel mills.

STAEBELL, EDWARD F. Michigan State Coll., B.A., 1948. Capt. United States Air Force. **Address.** 818 Chestnut Rd., Apt. D., Box 69 E. Lansing, Mich. **Areas known first-hand:** Eastern U. S., Great Britain, France, Japan. **Major interests:** geopolitics, Europe and Asia. (A)

STAFL, JOHANNA A. **Address:** 2121 H. St., N.W., Washington 7, D. C. **Past position:** Student, Syracuse U. (A) (*)

STAGNER, W. LOWELL, U. of Colorado, M.A., 1939. **Address:** Wentworth Military Academy, Lexington, Mo. (*)

STANISLAWSKI, DAN. U. of California, Berkeley, Ph.D., 1944. Prof. of Geog., U. of Texas, Austin, Texas. **Past positions:** Syracuse U.; U. of Calif.; U. of Wash.; Assoc. Prof., Univ. of Pennsylvania. **Areas known first-hand:** Mexico, Central America. U. S. **Major interests** historical geog.; urban geog.; Latin America. **Current research:** town anatomy in Latin America.

STANLEY, RAYMOND WALLACE. U. of Chicago, A.B., 1941, M.A., 1947. Asst. Prof. of Geog., George Peabody Coll. for Teachers, Nashville 4, Tenn. **Areas known first-hand:** Northern India, Northern Pacific, U. S. (esp. southeastern, Gulf Coast, North Central, Pudget Sound area). **Major interests:** industry and transportation, the Orient, visual aids in teaching geography.

STANLEY, RUTH H. (Mrs. R. W.). Iowa St. Teach. Coll., A.B., 1943; Ohio State U., M. A., 1946. Asst. Prof. of Geog., George Peabody Coll. for Teachers, Nashville, Tenn. **Areas known first-hand:** Mexico. **Major interests:** Latin American geog., geog. in education, climate and man. **Current research:** recent changes in land use in rural Mexico under the government agrarian reform projects (specifically subsistence ejidos and irrigation projects, Valley of Mexico and the State of Pueblo).

STANLEY, ROBERT E. Michigan State Coll., B.A., 1948. Cartographer, Aeronautical Chart Service, Washington, D. C. **Address:** 248 Gundry Drive, Falls Church, Virginia. **Major interests:** cartography, Europe and economic geog. (A)

STARKEY, OTIS P. Columbia U., B.S., 1927; M.A., 1930; Ph.D., 1939. **Position:** Chairman, Dept. of Geog. Indiana U., Bloomington, Ind. **Past Positions.** Instr., Asst. Prof. U. of Pennsylvania; MIS, U. S. War Dept.; FLC, State Dept. **Areas known first-hand:** S. and W. Europe; northeastern U. S., Barbados. **Major interests:** historical geog.; economic geog.; W. Europe. **Current research:** economic and historical geog. of several small areas.

STEARNS, CHARLES E. Wesleyan U., Conn., B.A. (Geol.), 1944. Geographer, Army Map Service. **Address:** 3819 Veazey St. N. W., Washington 16, D. C. **Areas known first-hand:** New England. **Major interests:** cartography, geomorphology. (A)

STEDMAN, FRANK H., JR. Harvard U., B.S., 1937. U. S. Government. **Address:** 1805 N. Quinn St., Arlington, Va. **Past positions:** Far East Div., Office of Strategic Services, Dept. of State. **Areas known first-hand:** New England, Texas, Mid-Atlantic states; England; Canada. **Major interests:** Far East; population; urban geog. **Current research:** urban population, Japan; Flint, Mich.

STEFANSSON, VILHJALMUR. Explorer and writer. **Address:** 27 West 44th Street, New York 18, N. Y.

STELLINGS, ISABEL B. **Address:** 886 Milledge, Athens, Ga. (A) (*)

STEPHAN, LEON LE MAR. Western Kentucky State Teachers Coll., B.S., 1932; U. of Wisconsin, Ph. M., 1933. Prof. and Head of Geog. Dept., State Teachers Coll., Troy, Ala. **Past positions:** Kent State U. **Areas**

known first-hand: Ohio; New England; Everglades; Ala.; eastern U. S. **Major interests:** regional geog. of the South; agricultural land use and economy; Southern forestry.

STEPHENS, MARY. Columbia University, M.A., 1942. **Address:** Box 563, Independence, Kentucky.

STERLING, HENRY SOMERS. Columbia U., M.A., 1934; U. of Wisconsin, Ph.D., 1939. Assoc. Prof., Geog. Dept. 327 Sc. Hall, U. of Wis., Madison 6, Wis. **Past positions:** Automobile Mfg. Assn., research analyst; Office of Strategic Services, research analyst. **Areas known first-hand:** Mexico; Spanish-speaking countries of S. A.(except Paraguay); French North Africa; Spain; Italy; France; western Germany; Austria; England. **Major interests:** Latin America, esp. Mexico; rural settlement and land tenure. **Current research:** changes in rural land tenure, settlement and land use associated with the agrarian revolution in East Central Mexico.

STERN, FRANKLIN R. Dartmouth Coll., B.A., 1948. Student, the University of Zurich, Gloriastrasse, 70-Zurich, Switzerland. **Home address:** P. O. Box 249, Whitesville, New York. **Areas known first-hand:** W. Europe, esp. Norway. **Major interests:** glacial erosion, geog. aspects of the United Europe movement. (A)

STEVENS, GEORGE PUTNAM. Indiana U., B. S., 1941; U. of Wisconsin, Ph.M., 1945. Instr., Okla. A. & M. Coll. **Address:** Dept. of Geography, U. of Wisconsin, Madison 6, Wisc. **Past positions.** High School, Anderson, Ind. and Hammond, Ind. **Areas known first-hand.** Lower Lakes region, Central N. Y., Central Okla. **Major interests:** Far East, U.S.S.R. **Current research:** Middle East Oil.

STEWART, HAROLD E. Ohio State U., B.Sc., 1925, Ph.D., 1937. Asst. Dean of Student Affairs, Wayne U., Detroit 1, Mich. **Past positions:** Grad. Asst., Ohio State U.; Instr. to Prof., Wayne U., 1926. **Areas known first-hand:** U. S., Ontario and St. Lawrence Valley. **Major interests:** Far East, political and urban geog.

STEWART, LEON T. E. Illinois Teachers Coll., A. B. **Address:** 15 Cherney, Rantoul, Ill. **Past position:** Instr., Weather Officer Course, Chanute Field, Ill.

STEWART, MRS. MARY W. **Address:** 421 Wall St., Meriden, Conn.

STEWART, VAUGHAN. **Address:** 3120 16th St., N. W., Washington 10, D. C. (A) (*)

STIDHAM, CORA L. U. of Arizona, A.B. Hydrographic Office, Navy Dept. **Address:** 3919 Pennsylvania Ave., S. E.; Washington 20, D. C. (*)

STILGENBAUER, FLOYD A. U. of Michigan, A.B., 1924, M.A., 1928, Ph.D., 1929. Prof. of Geog. and Cartography, Wayne U. **Address:** 17233 Annchester Rd., Detroit 19, Mich. **Past positions:** Prin. H. S., Bangor, Mich.; Supt. Schools, Bangor; Grad. Instr. in Geog., U. of Michigan, Instr. to Prof. Wayne U. **Areas known first-hand:** U. S., Canada, N. Mexico. **Major interests:** cartography, meteorology. **Current research:** urban expansion; urban land utilization; projections; air navigation; population; special maps.

STILL, DONALD A. Student, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Past position:** U. S. Navy. **Areas known first-hand:** Northwest U. S. **Major interests:** military geog. (A)

STOCKDALE, PARIS B. Indiana U., A.B., 1919, A.M., 1921, Ph.D., 1930. Head, Dept. of Geol. and Geog., U. of Tennesse, Knoxville, Tenn. **Past positions:** Grad. Asst., U. of Chicago; Instr., Asst. Prof. and Assoc. Prof., Ohio State U. **Areas known first-hand:** U. S., Canada, Arctic of Northwestern N. A., Hawaii. **Major interests:** geology, meteorology. **Current research:** stratigraphic studies of the Mississippian system.

STONE, KIRK H. U. of Michigan, A.B., 1935; Syracuse U., M.A., 1937; University of Michigan, Ph.D., 1949. Asst. Prof. Dept. of Geog., Science Hall, U. of Wisconsin, Madison 6, Wisc. **Past positions:** Asst. Prof., U. of Toledo; Office of Strategic Services; U. S. Bur. of Land Management. **Areas known first-hand:** Alaska; U. S.; Canada; Ceylon. **Major interests:** aerial photographic interpretation; geog. of Alaska; land utilization. **Current research:** Alaskan Group settlement: Matanuska Valley Colony; the appearance ratio aid for air photo interpretation; Alaskan self-dumping lake: Lake George.

STONE, ROBERT G. Ohio State U., B.A., 1930, M.A., 1931. Meteorologist, Chief, Technical Information Br., Hq. Air Weather Service, USAF; Ed., Bull. Amer. Meteorological Soc. **Address:** Air Weather Service, Military Air Transport Service, Andrews Air Force Base, Washington

25, D. C. **Past positions:** Meteorologist, Mt. Washington Observatory; Librarian and Research Fellow, Blue Hill Observatory, Harvard U.; Instr. and Research Assoc. in Meteorology, New York Univ. **Areas known first-hand:** eastern U. S.; France; Norway; Puerto Rico; Virgin Islands; Belgium; Holland; Sweden; Germany; West Indies. **Major interests:** bio-climatology; tropical meteorology; geog. of West Indies, and Appalachians. **Current research:** meteorology of West Indies.

STONEMAN, ELVYN A. U. of Nebraska, B.S., 1941; M.A., 1943. Instr., Dept. of Geog., Indiana U., Bloomington, Ind. **Past positions:** Instr., Kansas City U. **Areas known first-hand.** Italy and Ireland. **Major interests:** political and economic geog., Europe. **Current research:** boundry of Eire and North Ireland. (Ph.D. dissertation.)

STOTZ, CARL LOUIS. Wayne U., A.B., 1930; Clark U., Ph.D., 1937. Director's Staff (publications), Office of Domestic Commerce, U. S. Dept. of Commerce. **Address:** 1020 16th St. N.W., Apt. 915, Washington 9, D. C. **Past positions:** Robert Coll., Istanbul, Turkey; Assoc. Prof., Mount Holyoke Coll.; Asst. Prof., State Teachers Coll. Fredonia; Visiting Lecturer, Lecturer, Asst. Prof., and Assoc. Prof. U. of Pittsburgh; Principal Intelligence Officer, OEW, FEA, Middle East, Ankara, Turkey and Cairo; Deputy Director, Publications Staff, Office of International Trade. **Areas known first-hand:** Middle East; Balkans; W. and S. Europe; west coast, S. A. and Argentina; S., E. and N. Africa. **Major interests:** the Middle East; political geog.; economic geog., international trade and commerce **Current research:** college text on geography of Asia, college text on political geog., programming the publications of ODC.

STOUT, CYRIL L. Knox Coll., B.S., 1929; U. of Wisconsin, Ph.M., 1931; George Peabody Coll. for Teachers. Ph.D., 1937. Assoc. Prof. Dept. of Geog., Western Michigan Coll. of Educ., Kalamazoo, Mich. **Past positions:** Public Schools, Ill. and Wisc. 8 yrs.; Instr., State Teachers Coll., Mansfield, Pa. **Areas known first-hand:** North Central and Northeastern U. S. **Major interests:** meteorology and S. A. **Current research:** small mills in Pa.

STOVEKEN, RUTH D. Oshkosh State Teachers, B.S., 1940; U. of Wisconsin, M. S., 1947. Geog. teacher, State Teachers Coll., Milwaukee 11, Wis. **Past positions:** public schools, Wis. and Mich.; U. S. Naval Reserve (WAVES). **Areas known first-hand:** Great Plains, Upper Great Lakes. **Major interests:** climatology, North America, Wisconsin. **Current research:** cut-over area of northern Wisconsin.

STOVER, JOY. Kent State U. B. S. in Ed., 1941, M.A., 1948. Teacher, High School, Massillon, Ohio. **Address:** 703 State Ave., Massillon, Ohio. **Areas known first-hand:** Sebring, Ohio. **Major interest:** Potteries of Ohio. **Current research:** Sebring, Ohio, pottery town (M.A. thesis.)

STRAIN, WARREN T. Indiana State Coll., A.B., 1926; U. of Wisconsin, M.S., 1930, Ph.D., 1933. Chairman, Geog. Dept., State Teachers Coll. **Address:** 441 Franklin St., Slippery Rock, Pa. **Past positions:** Public schools of Indiana; Prof. State Teachers Coll., LaCrosse, Wis. **Areas known first-hand:** U. S. and E. Canada. **Major interests:** economic geog.; agricultural geog. **Current research:** marketing of Florida vegetables.

STRALEY, H. W. III. Concord State Coll., W. Va., A.B., 1925, U. of North Carolina, Ph. D. (Mining and Geophysics), 1938; U. of Chicago. Ph. D. Geol. and Physics, 1939. Engineering and structural Geology, U. of Okla. **Address:** Box 763, Norman, Okla. **Areas known first-hand:** Parts of Latin America, Appalachians, Atlantic Coastal Plain, Cen. Tex., East. Okla. **Major interests:** tectonophysics, geological and geophysical engineering, mineral resources. **Current research:** Ouachita Mts., resources and structure; Giles Co., Va.

STRASSER, MRS. ELIZABETH DAY. B.S., M.S., Univ. of Illinois, Fairfield, Ill. **Past positions:** Army Map Service, Office of Strategic Services, Univ. of Wisconsin. Univ. of Illinois. **Areas known first-hand:** Illinois, New England. **Major interests:** urban patterns, dairy farming aspects. **Current research:** Chinese coastal cities.

STRASZER, ADAH LEE. U. of Chicago, B.S., 1922, M.S., 1926. **Address:** 108 E. Cedar Ave., Webster Groves 19, Mo. **Past positions:** State Teachers Coll., Edinboro, Pa.; Minot, N. Dak., State Teachers Coll. (*)

STRAW, H. THOMPSON. Hillsdale Coll., B. A., 1930; U. of Mich., M.A.,

1934, Ph. D., 1936. Geographer, Gen. Staff, Dept. of Army. **Address:** 601 Poplar Drive, Falls Church, Va. **Past Positions:** Prof. Western Mich. Coll.; Chief, Cartographic Sect., Hist. Br./G-2; Ground School Instr., Maps and Charts, Ellington Field, Texas; Assoc. and Asst. Prof., Middle Tenn. State Coll.; Teaching Fellow in Geog., U. of Mich. **Areas known first-hand:** Anglo-Egyptian Sudan, Kenya, Tanganyika, Italian Somaliland, Northern and Southern Rhodesia, Bechuanaland, South Africa, Turkey, Iran, New England, Upper South and Lake States in the U. S. **Major interests:** military geography; regional and economic geog. of Africa; cartography. **Current research:** probl ms of economic geog. and of development in East Africa.

STRIETELMEIER, JOHN H. Valparaiso U., A.B., 1942; Northwestern U., M.A., 1947. Asst. Prof., Dept. of Geog. and Geol., Valparaiso U., Valparaiso, Ind. **Areas known first-hand:** New Guinea, Philippine Islands, Japan. **Major interests:** political and economic geog. and the Pacific Ocean area.

STRONG, CHARLES FREDERICK. **Address:** 5643 Drexel Ave., Chicago 37, Ill.; permanent: Smithshire, Ill.

STRONG, HELEN MABEL. U. of Chicago, S.B., 1917; Ph.D., 1921. Geographer, Dept. of the Army. **Address:** 2301 Cathedral Ave. N.W., Washington 8, D. C. **Past positions:** The Geographer of the Bur. of Foreign and Domestic Commerce and Chief of the Geographic Sect.; U. S. Coast and Geodetic Survey; Assoc. Geog.; Nat. Resources Bd.; Soil Conservationist in Charge of Educational Relations, Soil Conservation Service; Geographer, War Dept.; Economic Analyst, Foreign Economic Administration.

STROUP, JOHN I. **Address:** 717 S. Jenkins, Norman, Okla. (A)

SUMNER, ALFRED R. Clark U., M.A., 1933, Ph.D., 1949. **Address:** Stanford U., Stanford, Calif.

SUNDSTROM, MABEL. U. of Maryland, B.A., 1946. Research Assoc., Geog. Dept., U. of Maryland. **Address:** 5720 East Pines Drive, Riverdale, Md. **Major interests:** geomorphology, geog. of the Arctic and Subarctic regions. **Current research:** environmental conditions in Arctic and Subarctic regions of European Russia. (A)

SUTHERLAND, RUTH S. U. of Nebraska, M.A., 1938. Head, Geog. Unit, Research and Development Br., Office of Quartermaster General, Dept. of the Army. **Address:** 4419 Underwood St., University Park, Md. **Past positions:** High School Teacher; Jr. Business Analyst, War Production Board; Chief, Import Analysis Sect., Foreign Econ. Admin.; Foreign Trade Analyst, Dept. of Commerce. **Areas known first-hand:** U. S. **Major interests:** foreign trade; raw materials, world sources; trade agreements. **Current research:** environmental studies — Arctic and Tropic.

SVEC, M. MELVINA. U. of Wisconsin, B.A., 1925, M.A., 1930. Asst. Prof. in charge of Geog. at State Teachers Coll., Oswego, N. Y. **Address:** 124 West 5th St., Oswego, N. Y. **Past positions:** Teacher, Cedar Rapids, Iowa; Instr., State Teachers Coll., Buffalo. **Areas known first-hand:** U. S., and to Hudson Bay, Canada; England; northwest, south and Slav Europe. **Major interests:** educational, economic, regional geog. **Current research:** New York State — small areas.

SWARTZ, DAVID J. City Coll., B.A., 1920; Teachers Coll., M.A., 1925; Fordham U., Ph.D., 1926; Teachers Coll., Professional Diploma, 1940. Administrative Asst. to Superintendent of Schools, New York City. **Address:** 900 Grand Concourse, Bronx 56, N. Y. **Past positions:** State Dept. of Educ., Coll. of City of N. Y., Elementary, Jr. and Sr. H. S. of N. Y. **Areas known first-hand:** Panama, eastern U. S., S. E. Canada, Europe. **Major interests:** mathematical and physical geog., cartography. **Current research:** air-age geog.

SWEED, HAROLD L. U. of Wisconsin, M.A., 1949. Grad. Student, U. of Wisc. **Address:** 1217 Cherry St., Green Bay, Wisc. **Areas known first-hand:** Columbia Basin. **Major interests:** air transportation, urban geog., land reclamation. (A)

SWINK, SARAH A. Student, Michigan State Coll. **Address:** 314 Evergreen, East Lansing, Mich.; after June 5, 3479 Bishop, Detroit 2, Mich. (A)

SWITZER, J. E. U. of Chicago, B.S., 1911; Clark U., Ph.D., 1923. Prof. Emeritus, Indiana U., 1947. **Address:** 523 S. Park Ave., Bloomington, Ind. **Past positions:** Prof., State Teachers Coll., Valley City, N. Dakota; Asst. Prof. to Emeritus Prof., Indiana U., 1923-. **Areas known first-hand:** U. S., S. Canada, Mexico. **Major interests:** fundamentals of geog., economic geog.

SYLVESTER, ROVENA M. Boston U., B.B.A., M.Ed., 1942. Senior High School, Chelsea 50, Mass. **Address:** Box 153, W. Hanover, Mass. (A)

TANNER, GILBERT. Eau Claire State Teachers Coll. (Wisc.), B.S., 1942; U. of Wisc., M.S., 1948. U. S. Government. **Address:** 2880 South Abingdon St., Arlington, Va. **Major interests:** cartography, physical geography.

TANSEY, V. O. Dept. of Geol., U. of Arkansas, Fayetteville, Ark. **Address:** 339 Washington Ave., Fayetteville, Ark. (A)

TAYLOR, CHARLOTTE E. **Address:** 2632 Tunlaw Road N.W., Washington, D. C.

TAYLOR, GRIFFITH. U. of Sydney, B.Sc., 1902; B.E., 1903; Cambridge U., B.A. Research, 1910; U. of Sydney, D.Sc., 1916. Chairman, Dept. of Geog., U. of Toronto, Toronto, Canada. **Past positions:** Instr. in Geol., U. of Sydney; Senior Geologist, British Antarctic Exped.; Physiographer, Commonwealth Weather Service; Prof., U. of Sydney; Prof. U. of Chicago. **Areas known first-hand:** Europe, except Portugal and Russia; Korea, Japan, E. China, Philippines, East Indies, Ceylon; Algeria, Tunis, Egypt, Union of S. Africa; U. S.; Canada, espec. Mackenzie Basin and Yukon; S. A., espec. Columbia; Pacific Isles, Hawaii, Fiji, New Zealand; Antarctica, Ross Sea area; Australia. **Major interests:** geog. in the cause of world peace; Antarctica; Australia; Canada. **Current research:** philosophy of geog.; urban geog.; Slav geog.; Polar geog.

TAYLOR, JAMES W. Austin Peay State Coll., B.S., 1947. Grad. Student, Dept. of Geog., Syracuse U., Syracuse, N. Y. **Areas known first-hand:** U. S.; Central Pacific. (A)

TAYLOR, J. L. (Lt. Comdr., U.S.N.R.). State Teachers Coll., Valley City, N. Dak., B.A., 1935; Clark U., M.A., 1940; Columbia U., M.A., 1944. **Address:** School of Geog., Clark Univ., Worcester, Mass.; permanent, Oriska, N. Dak. **Past positions:** Naval Admin., Stanford U., Calif.; U. of Nebraska; U. of California; Anglo-Chinese School, Ipoh, Malaya; Military Govt. in Navy. **Areas known first-hand:** Malaya, Siam, Indonesia, Australia, Tasmania, Hawaii and the Trust Territory, Japan, China Coast, Guam, American Samoa.

TELFER, J. W. **Address:** Geographical Bureau, Dept. of Mines and Resources, Ottawa, Canada. (A) (*)

TENNANT, HAROLD E. U. of Washington, M.A., 1937. Acting Instr., U. of Wash. **Address:** 413 Smith Hall, Univ. of Washington, Seattle 5, Washington. **Past positions:** Sec. to Member of Congress; Sec. to Construction Engineer, U.S.B.R., Coulie Dam. **Areas known first-hand:** Pacific N. W., W. Lake Superior, Potomac area; France, Germany, Belgium, Holland. **Major interests:** methods of teaching geog., teacher training. **Current research:** methods, political geog.

TERRA, HELMUT De. Research Associate, The Carnegie Institute of Washington, D. C. **Address:** 14 East 71st St., New York 21, N. Y. (*)

TERRELL, R. PAUL. Western Kentucky, B.S., George Peabody Coll., M.A., Assoc. Prof. of Geography, Alabama Polytechnic Institute, Auburn, Ala. **Past positions:** high school teacher, instructor, Louisiana State U. (A. S. T. P. at Northeast Center); Asst. Prof., U. of Florida. **Areas known first-hand:** The South, Midwest (Ohio, Ind., Mich.), Middle Atlantic, New England and Ontario, Canada. **Major interests:** political geog., economic geog., climatology. **Current research:** geography of settlement and land use in Alachua County, Florida.

THOMAN, RICHARD S. U. of Colorado B.A., M.A. **Address:** Dept of Geog. University of Missouri, Columbia, Mo. **Past positions:** Army Air Corps Instruction at U. of Alabama; Teaching Asst., U. of Colorado; Gorham State Teachers College, Gorham, Me.

THOMAS, BENJAMIN E. U. of Idaho M.S., 1935; Ohio State U., M.A., 1940; Harvard U., Ph.D., 1947 Asst Prof., Dept. of Geog., U. of California, Los Angeles 24, Calif. **Past positions:** Geog. Instr., Soda Springs H. S., Idaho; U. S. Immigration Service, N. Y.; Intelligence Officer, U. S. and European Theater, U. S. Army; Instr., Biarritz American U., France; Teaching Fellow, Harvard U. **Areas known first-hand:** U. S. and W. Europe. **Major interests:** political geog. of the U. S.; W. Europe; Western U. S. **Current research:** capitals and state boundaries in Western U. S.

THOMAS, CARL R. Central Missouri State Coll., B.S., 1924; U. of Missouri, M.A., 1929; U. of Nebraska, Ph.D., 1943. Chairman, Dept. Social Science, Central State Coll., Edmond, Okla. **Past positions:** Supt. Schools; Asst. Prof. Ed., Nebr. State Coll., Chadron; Prin., Wayne, Mich. **Areas**

known first-hand: U. S. **Major interests:** statistical methods in geog. interpretation, economic geog., climatology. **Current research:** statistical methods in geog. interpretation.

THOMAS, JERALD W. U. of Kansas City, A.B., 1948. Grad. Student, U. of Colorado. **Address:** 917 Baseline, Boulder, Colo. **Major interests:** regional geog. (A)

THOMAS, LEWIS F. Denison U., B.S., 1910; U. of Missouri, M.A., 1917; U. of Chicago, Ph.D., 1925. Head, Dept. of Geog., 216 Wilson Hall, Washington U., St. Louis 5, Mo. **Past positions:** Drury Coll.; U. of Missouri; Washington U.; Industrial Coll. of the Armed Forces. **Areas known first-hand:** U. S. **Major interests:** urban, economic and regional geog. of the U. S. **Current research:** Metropolitan St. Louis.

THOMAS, LOUIS B. San Diego State, A.B., 1940. U. S. Government. **Address:** 621 19th St. N.W., Washington 6, D. C. **Past positions:** U. S. Board on Geographic Names; Map Div., Office of Strategic Services; Map Intelligence Branch, Dept. of State. **Areas known first-hand:** Western U. S. **Major interests:** U. S. Pacific Coast, economic geography. **Current research:** land use in Chula Vista, Calif.

THOMAS, OLIVE J. U. of Chicago, B.S.; U. of Wisconsin, M.S. Geog. Instr., State Teachers Coll., Milwaukee 11, Wisc. **Past positions:** Prof. of Geog. and Geol., Milwaukee Downer Coll.; Asst. Prof. of Geog. and Geol., U. of Rochester, N. Y.; Instr. in Geog., U. of Wisc.; Instr., State Teachers Coll., Whitewater, Wisc. **Areas known first-hand:** most of U. S.; Canadian Maritime Provinces; W. Europe; Mexico and parts of Central America. **Major interests:** urban geog., Central America, air age geog. **Current research:** chorographic study of and sequent occupance in the Green Bay area of Wisc. (Ph.D. dissertation).

THOMAS, WILLIAM L., Jr. U. of California at Los Angeles, M.A., 1948. **Address:** Dept. of Geol. and Geog., Rutgers U., New Brunswick, N. J. (*)

THOMPSON, JOHN H. Clark U., A.B., 1941; U. of Colorado, M.A., 1943; U. of Washington, Ph.D., 1949. Asst. Prof. Dept. of Geog., Syracuse U., Syracuse, N. Y. **Past positions:** Asst. in Geog., U. of Colo.; Acting Instr., U. of Wash., Asst. Prof., U. of Nevada. **Areas known first-hand:** W. Great Basin, N. Great Plains. **Major interests:** Economic geog., Asia, Pacific basin and Western U.S. **Current research:** geog. of the Truckee-Carson River basin; Humboldt River and its geographic significance.

THOMPSON, JOHN L. Slippery Rock State Teachers Coll., B.S., 1940; U. of Wisconsin, M.S., 1947. Grad. Asst., Dept. of Geog., Science Hall, U. of Wisconsin, Madison, Wisc. **Past positions:** high school, Sharpesville, Pa. **Areas known first-hand:** western Pennsylvania, southeastern U. S., Philippines. **Major interests:** urban geog., regional planning, U. S. S. R.

THOREN, CONRAD J. U. of Chicago, A.B., 1937, S.M., 1941. Geographer, American Embassy, London. **Address:** c/o American Embassy, 1 Grosvenor Square, London, W. 1, England. **Past positions:** Map Div., Office of Strategic Services and Dept. of State, Lt. (j. g.) U. S. N. R. **Areas known first-hand:** N. W. Europe. **Major interests:** urban geog., land utilization. **Current research:** several aspects of urban geog. in N. W. Europe.

THORNTHWAITE, C. WARREN. Consulting Climatologist. **Address:** Johns Hopkins Univ., Lab. of Climatology, Seabrook, New Jersey.

THORP, JAMES. Earlham Coll., B.S., 1921. Principal Soil Correlator, Great Plains States, U. S. Dept. of Agric., Div. of Soil Surv. and Lecturer in Geog., 204 Nebraska Hall, U. of Nebraska, Lincoln, Nebr. **Past positions:** Soil Surveyor; High School Teacher; Chief Soil Technologist, Nat. Geol. Surv. of China; Soil Survey Inspector. **Areas known first-hand:** France, England; China, Japan, Hawaiian Islands, Philippines; Canada, U. S., West Indies **Major interests:** morphology, genesis and geog. of soils; Pleistocene geol. **Current research:** loess in relation to soil development (co-chairman, Nat. Research Counc. Com. on study of Eolian Deposits).

THROOP, VINCENT M. Syracuse U., B.S., 1932, M.S., 1934; Chicago U., Ph.D., 1948. Chief, Research Sec., Div. of Geog. Bureau of the Census. **Address:** 16 Delaware Drive, Forest Heights, Washington 20, D. C. **Past positions:** Bureau of Reclamation; National Resources Planning Bd.; Soil Conservation Service; Tennessee Valley Authority; Research Asst., N. Y. State Planning Bd.

THURTLE, VIRGINIA G. U. of Nebraska, B.S. in Ed., 1932, M.A., 1941.

Teacher, Public Schools of Euclid, Ohio. **Address:** 143 East 201st St., Euclid 23, Ohio. **Past positions:** Teacher, Roseland, Clarks and Lincoln, Nebraska. U. of Omaha. **Areas known first-hand:** most of the U. S. and S. Canada. **Major interests:** elementary education, visual education, field trips. **Current research:** expanded use of visual materials.

TIEN, HSING-CHIN. U. of Michigan, Ph.D., 1948. **Address:** Dept. of Geog., U. of Washington, Seattle 5, Wash. (*) Last known to be in Hong Kong.

TILLMAN, ARTHUR G. U. of Wisconsin, A.B., 1917, M.A., 1925, Ph.D., 1928. Head, Dept. of Geog. and Geol., Western Illinois State Coll., Macomb, Ill. **Past positions:** Milwaukee public schools; Instr., U. of Wisconsin. **Areas known first-hand:** Wisconsin, northern France, Canadian Rockies. **Major interests:** international relations. **Current research:** visual aids.

TISDALE, ROSA D. Colorado U., B.A., 1941; M.A., 1948. Editor, Geological Survey, Interior Department. **Mailing address:** 1093 10th St., Boulder, Colo. **Past positions:** Geographer, Board on Geographical Names; Teacher, Sioux City, Ia. **Areas known first-hand:** Mexico, Canada, S. Alaska. **Current research:** geographic nomenclature of European U. S. S. R.

TOBEY, RAY W. Dartmouth Coll., A.B., 1912. Teacher of Geog., The Choate School, Wallingford, Conn. **Past positions:** Principal, Good Will Boys' Grammar School, Hinckley, Me., Master, The Mitchell School, Billerica, Mass.

TODARO, ANTHONY N. **Address:** 1406 Ashland St., S. Greensburg, Pa. (A) (*)

TOKI, TOSHI. U. of Wisconsin, B.A., 1942, M.A., 1944. Geographer, Bur. of the Census. **Address:** 1809 Fort Davis St. S. E., Washington, D. C. **Past positions:** State Geographer, Wis.; Teaching Asst., U. of Wisconsin. **Areas known first-hand:** eastern U. S. **Major interests:** economic and agricultural geog. **Current research:** census tracts.

TORBERT, EDWARD N. Regional Planning Engineer, U. S. Bur. of Reclamation, Boise, Idaho. (*)

TOWER, J. ALLEN. U. of Washington, A.B., 1928; M.S., 1933; Ph.D., 1936. Prof. of Geog., Birmingham-Southern Coll., Birmingham, Ala. **Past positions:** Instr., Am. U. of Beirut, Lebanon; Grad. Asst., U. of Washington, Seattle. **Areas known first-hand:** Pacific Northwest; southern U. S.; west Asia. **Major interests:** southern U. S.; Arab world; political geog. **Current research:** geog. of Ala. and the South.

TRANSEAU, EDGAR N. Franklin and Marshall Coll., A.B., 1897. D.Sc. (Hon.), 1940 U. of Michigan, Ph. D., 1904; Ohio State U., D.Sc. (Hon.), 1949. Retired. **Address:** Ohio St. U., Columbus 10, O. **Past positions:** Station for Evolution, Carnegie Institution, Cold Spring Harbor; State Teachers College., Charleston, Ill.; Prof. of Botany, Hd. of Dept. and Emeritus, Ohio State U. **Areas known first-hand:** U. S., esp. from Ill. to New Jersey, New York; British Columbia; Europe from England to Rumania. **Major interests:** plant ecology. **Current research:** summarizing studies of Ohio vegetation.

TREWARTHA, GLENN T. U. of Wisconsin, Ph.D., 1924. Prof., Dept. of Geog., U. of Wisconsin, Madison, Wis. **Areas known first-hand:** Japan and the Far East. **Major interests:** Far East; settlements; climatography. **Current research:** Japan and the Far East; study of American settlements.

TRUEBLOOD, L. W. Indiana State Teachers Coll., Terre Haute, B.S., 1933; Clark U., M.A., 1936. Geographer, Dept. of the Army. **Address:** Box 98, Rt. 2, Alexandria, Va. **Past positions:** Lecturer in Geog. and chm., Dept. of Geog. and Geol., Judson Coll., U. of Rangoon, Burma; Asst. Prof., U. of Pittsburgh; Military Intelligence, War Dept.; Dept. of State. **Areas known first-hand:** Burma; Malaya. **Major interests:** political geog.; economic and political geog. of Asia; military geog. **Current research:** political geog. of Burma; political geog. of India.

TURNER, W. NEWTON. U. of Tennessee, B.S., 1930, M.S., 1931, U. of North Carolina, Ph.D., 1949. **Address** Prof. of Geog. & Geol., Western Carolina Teachers College, Cullowhee, N. C. **Past positions:** U. of Tennessee. **Areas known first-hand:** Hawaiian Islands, S. Appalachians.

TUTHILL, RICHARD L. Bates Coll., A.B., 1933; Columbia U., A.M., 1938, Ed.D., 1946. Prof. of Geog., U. of Kentucky, Lexington, Ky. **Past positions:** Instr., Columbia U.; Lecturer, Northwestern U.; Research Analyst, War Dept., Asst. Research Dir., Pan American Airways. **Areas known first-hand:** New England, Cuba. **Major interests:** economic

geog., aviation and geog., U. S. S. R. **Current research:** geog. of commercial air transportation, land-use in Kentucky.

TUTTLE, ELSIE F. Illinois State Normal U., B.Ed.; George Peabody Coll. for Teachers, M.A., 1931. **Address:** North Greenville Junior College, Tigerville, S. Car.

ULERY, C. B. Ohio Wesleyan U., A.B., 1912; Ohio State U., M.A., 1927, Editor, Educational Div., The Bobbs-Merrill Co., 730 N. Meridian St., Indianapolis, Ind. **Past positions:** Editor Rand, McNally and Co.; Prof. of Education, Miami U., Oxford, O.; State Dept. of Education, Columbus; Supt. of Schools, Ohio. **Areas known first-hand:** U. S.

ULLMAN, EDWARD L. U. of Chicago, S.B., 1934; Harvard U., A.M., 1935; U. of Chicago, Ph.D., 1942. Asst. Prof. of Regional Planning Geographic Institute, 2 Divinity Ave., Cambridge 38, Mass. **Past positions:** Instr., Washington State Coll.; Instr., Indiana U.; Chief Transport Sect., Office of Strategic Services. Director Joint Intelligence Study Publishing Bd.; Specialist, Transportation Economist, U. S. Maritime Comm. **Areas known first-hand:** U. S., Canada, Italy, W. Europe. **Major interests:** transportation, urban and economic geog. **Current research:** various papers on interaction of transportation and the earth.

UTTLEY, MARGUERITE. U. of Chicago, Ph.D., 1937. Prof. of Geog., Iowa State Teachers Coll., Cedar Falls, Iowa. **Past positions:** Supervisor of Geog., Laboratory School, Central Michigan Teachers College, Mt. Pleasant; Supervisor of Geography, Laboratory School, Teachers College, Bellingham, Wash. **Areas known first-hand:** Mexico, Puerto Rico; Peace River country, Canada; Central America, West Indies; Spain, Spanish Morocco, Italy, Switzerland, France. **Major Interests:** geog. in the elementary school; Latin America; agricultural regions. **Current reesarch:** geog. in the elementary school.

VAN BURKALOW, ANASTASIA. Hunter Coll., B.A., 1931, Columbia U., M.A., 1933, Ph.D., 1944. Instr., Dept. of Geol and Geog., Hunter Coll. **Home address:** 160 East 95th St., New York 28, N. Y. **Past positions:** Research Asst., Columbia U., Research Asst. Amer. Geographical Soc. **Major interests:** geomorphology.

VAN CLEEF, EUGENE. U. of Chicago, S.B., 1908; Clark U., Ph.D., 1926. Prof. of Geog., Prof. of Bus. Adm., Ohio State U., Columbus 10, Ohio. **Areas know first-hand:** Europe, esp. central part, Finland and the Baltic countries; U. S.; Canada. **Major interests:** economic, urban and regional geog.

VANDERHILL, BURKE G. Michigan State College, B.S., 1941; U. of Nebraska, M.A., 1947. Teaching Fellow, Dept. of Geog., U. of Michigan, Ann Arbor, Mich. **Past positions:** Grad. Asst., U. of Nebraska; Instr., Mich. State Coll. **Areas known first-hand;** U. S., British Isles. **Major interests:** land utilization and economic geog. **Current research:** Algoma District, Ontario.

VAN RIPER, JOSEPH E. U. of Michigan, 1932; Syracuse U., A.M., 1934; U. of Michigan, Ph.D., 1939. Chm., Dept. of Geog. and Geol., Triple Cities Coll., Syracuse U. **Address:** 304 Lincoln Ave., Endicott, N. Y. **Past positions:** N. Y. State Planning Board; Instr. in Geog., Colgate U.; Asst. Prof., South. Ill. Normal U.; Topographic Br., MIS, U. S. War Dept. **Major interests:** settlement patterns; land utilization; soils. **Current research:** development of the rural-urban fringe around the Binghamton - Johnson City - Endicott metropolitan area.

VAN ROYEN, WILLIAM. Rijksuniversiteit Utrecht, M. A., 1925; Clark U., Ph. D., 1928. Prof., Dept. of Geog., U. of Maryland, College Park, Md.; Collaborator U. S. Dept of Agric. **Address:** 226 Overlook Drive, Hillandale, Silver Spring, Md. **Past positions:** Under Secretary, Netherlands Chamber of Commerce; Asst. Prof., Dept. of Geog., U. of Nebraska; Asst. Prof. of Economics, Dept. of Economics, Brooklyn Coll. of the City of N. Y. Sr. Economic Analyst and Sr. Geog., Bd. of Economic Warfare **Areas known first-hand:** much of Europe and the U. S., Dominican Republic. **Major interest:** economic geog.; physical geog.; resources. **Current research:** Atlas of the World Resources, in cooperation with U. S. Dept. of Agric., and U. S. Dept. of the Interior; research and supervision of research pertaining to Arctic and desert conditions for U. S. Dept. of Nat. Defense.

VAN STORY, JAMES C., JR. George Washington U., A.B., 1948. Reference Asst., Div. of Maps, Lib. of Congress. **Address:** 1609 Riggs Pl., N.W., Washington, D.C. **Areas known first-hand:** N. C., Va., Md., Southern California. **Major interests:** regional geog. of Europe, urban geog.,

political geog. **Current research:** urban geog. of Washington, D. C. (A)

VAN VALKENBURG, SAMUEL. U. of Zurick, Ph. D., 1918. Dir. Grad. School of Geog., Clark U., Worcester, Mass. **Past positions:** Head, Geographical Div. of the Royal Netherlands Topographic Service; Wayne U. **Areas known first-hand:** most of Europe; Indonesia; eastern part of U. S. **Major interests:** political geog.; climatology. **Current research:** climatic research for the War Dept. (Quarter Master General); research in political geog.

VAUGHAN, T. WAYLAND. Tulane U., B.S., 1889; D. Sc. (Hon.) 1944; Harvard U., A. B., 1893; A. M., 1894, Ph. D., 1903; U. of British Columbia, Ll. D., 1933; U. of California, Ll. D., 1936. Associate in Paleontology, U. S. National Museum. Emeritus Prof. of Oceanography and Dir., Scripps Institution, Calif. **Address:** 3333 P. St., N. W., Washington 7, D. C. **Past positions:** Principal Scientist, retired, U. S. Geol. Surv. **Areas known first-hand:** West Indies, Mexico, Panama, Pacific Islands, Southeast Asia, Japan, Coastal Plain of U. S.

VENEZKY, MILTON S. **Address:** 343 Raleigh St., S. E., Washington 20, D. C. (A)(*)

VENT, HERBERT. U. of Oregon, B.S., 1941, M.S., 1942; Stanford U., Ed. D., 1949. Asst. Prof. Geog., Chico State Coll. **Address:** Amer. U. 1901 F. St. N.W., Washington 6, D. C. **Past positions:** Instr., American U., Washington, D. C. **Areas. known first-hand:** U. S. esp. Oregon, N. California. **Major interests:** econ. geog., geog. of Pacific Area. **Current research:** construction of thematic apperceptive tests for measuring attitudes taught in geog.

VERBER, JAMES L. **Address:** Unit 82-A, Badger, Wisc. (A)(*)

VERNON, H. DAVID B.S., M.S., U. of Chicago. **Address:** 946 Myrtle St., San Jose, Calif. **Past positions:** cartographer and geographer with O. S. S.; Cartographer, Dept. of State. (*)

VERNON, SIGNY KALLICOTT. (Mrs. H. David Vernon) U. of Washington, B.A.; Univ. of Maryland, M.A. **Address:** 946 Myrtle St., San Jose, Calif. **Past positions:** Grad. Asst., U. of Maryland; Cartographer, Office of Strategic Services, Map Research, Army Map Service. (*)

VER STEEG, KARL. Central Coll., B.S., 1914; U. of Chicago, M. S., 1926; Columbia U., Ph.D., 1930; Central Coll., D. Sc. (Honorary), 1946. **Position:** Head of Dept. of Geol. and Geog., Coll. of Wooster, Wooster. Ohio. **Past positions:** Head of Dept. at Wooster since 1923. **Areas known first-hand:** U. S. and Canada. **Major interests:** geomorphology. **Current research:** geomorphology of the Appalachians.

VIETOR, ALEXANDER O. Yale U., B.A., Curator of Maps, Yale U. Library, New Haven, Conn. (A)

VINGE, CLARENCE L. U. of Wisconsin, Ph. D., 1946. Asst. Prof. Dept. of Geol. and Geog., Michigan State Coll., East Lansing, Mich. **Past positions:** Business Economist, War Production Board. A.A.F., pilot; Assoc. Prof., Southern Illinois U., Carbondale, Ill. **Areas known first-hand:** U. S. **Major interests:** physical and economic geog. **Current research:** government influences on land use.

VISHER, STEPHEN SARGENT. U. of Chicago, S. B., 1909, S. M., 1910, Ph. D., 1914; U. of South Dakota., M. A. (Zool.), 1912. Prof., Dept of Geog., Indiana U., Bloomington, Ind. **Past positions:** Instr., U. of South Dakota; Prof., State Normal School, Moorhead, Minn.; Asst. Prof., Assoc. Prof., and Prof. of Geog., Indiana U.; Acting Geographer, U. S. Dept. of State. **Areas known first-hand:** U. S.; S. Canada; E. Australia; E. Asia; West Indies; Europe west of Russia; S. Alaska. **Major interest:** climate and its influences; Indiana; regional contrasts in productivity, especially human. **Current research:** Indiana (a regional geog.); climatic atlas of the U. S.

VOGEL, EDWARD C. Carleton Coll., B. A., 1929; U. of Illinois, M. A., 1939. Chief, Procurement and Reference, Map Library, Army Map Service. **Address:** 4300 35th St. S., Fairlington, Arlington, Va. **Past positions:** Instr., High School, Cudahy, Wis.; checker, Caterpillar Tractor Co. **Areas known first hand:** Midwest. **Major interests:** Latin America; East Indies. **Current research:** procurement and reference facilities in the Federal Government.

VOGEL, MILLICENT **Address:** 116 Aspen St., Chevy Chase, Md. (A) (*)

Von ENGELN, O. D. Prof. Emeritus, Dept. of Geol., Cornell U., Ithaca, N. Y.

VOSKUIL, ROBERT J. U. of Wis., A. B. 1937; Syracuse U. M. A. 1939. U. S. Government. **Address:** Box 141-M, Route 3, Vienna, Va. **Past position:** Teaching Asst., U. C. Geog., U. of Ill.; Chief, Cartography Sect., Office of Strategic Services; Chief, Cartography Br., Dept. of State. **Areas known first-hand:** Eastern U. S., England. **Major interests:** cartography, economic geog. **Current research:** cartography.

VOSKUIL, WALTER H. U. of Wisconsin, Ph. D., 1924. Chief Mineral Economist, Ill. State Geological Survey, and Prof. of Mineral Economics, Coll. of Engineering, U. of Illinois: **Address:** State Geological Survey, Urbana, Ill.

WAGGONER, GEORGE R. U. of Ill., A. B., 1940; U. of Ill., M. S. 1942. U. S. Government. **Address:** 3435 Valley Drive, Alexandria, Va. **Past positions:** Teacher, Thornburn Jr. High School, Urbana, Ill.; Map Section, Map and Photo Branch, Intelligence Division, War Dept. General Staff, Washington, D. C. (Chief 1944-46); Chief, Terrain Photo Unit, Map and Photo Br., ID, WDGS, Washington, D. C. **Areas known first-hand:** Illinois, Alabama, Northern Florida, Md., Va., D. C. area. **Major interests:** maps, photo interpretation and photogrammetry, economic geog. **Current research:** preparation of photographic index of geographic features throughout the world.

WAIBEL, LEO. Conselho Nacional de Geografia. **Address:** Edificio Francisco Serrador, Praca Getulio Vargas. 14-5°, Rio De Janeiro, D. F., Brazil. (*)

WALKER DARTHULA, George Peabody Coll. for Teachers, M. A., 1919. W. Texas State College, Canyon, Texas. **Address:** 2702 Fourth Ave., Canyon, Tex. **Areas known first-hand:** U. S., parts of Mexico, S. A., western and central Europe, n. Africa, s. and e. Asia.

WALKER, WILLIAM REESE. Arizona State Coll., B.A., 1940, M.A., 1942. Asst. Prof. of Geog., U. of Georgia., Atlanta Div., Atlanta, Ga. **Past position:** Teaching Asst., Dept. of Geog. U. of Calif. **Areas known first-hand:** Southwestern U. S. **Major interests:** physical Geog. (photographic interpretation) human geog., economic geog.

WALLACE, LILLIAN H. (Mrs.) Bridgewater, Mass. State Teachers Coll., B.S. in Ed., 1925; Clark U., M.A., 1941. Asst. Prof., Dept. of Geog., Westfield State Teachers Coll., Westfield, Mass. **Past positions:** Public School, Haverhill, Mass.

WALLACE, WAYNE A. U. of California, Los Angeles, B.A., 1933, M.A., 1942. Asst. Prof., U. of Virginia and Asst. Dir., Virginia Geographical Inst. **Address:** 408 Park St., Charlottesville, Va. **Past positions:** Teach. Asst., U.C.L.A.; Major, AUS. **Areas known first-hand:** Western U. S.; Great Britain; Orkneys; Belgium; N. France; Hawaiian Is. **Major interests:** economic geog.; N. Europe; Soviet Union. **Current research:** cotton production in San Joaquin Valley, Calif.; Shenandoah Valley, Va.

WALLER, ADOLPH E. Assoc. Prof of Botany, and Curator of Botanic Gardens, Dept. of Botany, Ohio State U., Columbus, Ohio. **Address:** 210 Stanberry Ave., Columbus, Ohio. (*)

WALLING, FITZ ROY. Bucknell U., B.S. in Ed., 1946; Syracuse U., M.A., 1948. Education Div., Rand McNally and Co. **Address:** Keyport Rd., New Monmouth, N. J. **Major interests:** land utilization; agricultural geog. (A)

WALLIS, ROBERT B. U. of Chicago, B.S., 1945. Grad. Student, U. of Chicago. **Address:** (permanent) 1589 Ninth St., Cuyahoga Falls, Ohio. (A) (*)

WALLS, LUCILLE G. Syracuse U., B. S., M.A., 1948. Geog. Instr., Herkimer High School, Herkimer N. Y. **Areas known first-hand:** New England and N. Y., Maritime Provinces of Canada, N. Florida, Pacific Coast and Southwest.

WALTER, ANNA CATHARINE. Juniata Coll., A.B., 1929; Pennsylvania State Coll., M.Ed., 1946. Geog. Teacher, Greenfield Township Public School, Claysburg, Pa. **Areas known first-hand:** Pennsylvania; Ohio; Michigan. **Major interests:** U. S., esp. Pennsylvania. **Current research:** geog. of Pa.

WARMAN, HENRY J. State Teachers Coll., Bloomsburg, Pa., B.S. in Ed., 1932; Temple U., M.S., 1938; Prof. and Secretary, Graduate School of Geography Clark U., Worcester, Mass. **Past pe-**

sitions: Norristown, Pa., Schools; Fellow, Instr., Assoc. Prof. Clark U. **Areas Known first-hand:** U. S. Mexico, Canada. **Major interests:** geog. in education; Latin America; meteorology and climatology. **Current research:** survey of research in geog. education; ejido programs, Mexico. *

WATERMAN, MARY ANN. **Address:** Dept. of Geog., Northwestern U., Evanston, Ill. (A) (*)

WATSON, DOROTHY M. U. of Chicago, B.S., 1920, M.S., 1930. Instr., U. of Maryland. **Address:** 7319 Baltimore Blvd., College Park, Md. **Past positions:** Teacher, Borden, Ind.; Salem, Ind.; Donora, Pa.; Camden, N. J.; Research Asst. for Encyclopedia Britannica. **Areas known first-hand:** parts of U. S. **Major interests:** teaching of geog.

WATSON, J. W. Chief, Geographic Bureau, Dept. of Mines and Resources, Room 100, 74 Elgin St., Ottawa, Ont., Canada.

WATTERSON, ARTHUR W. U. of Chicago, S.M., 1942. Illinois State Normal U., Normal, Ill. (*)

WEATHERBIE, WENDELL JOHN. U. of Kansas, B.A., 1948. U. of Washington, Seattle, Wash. **Areas known first-hand.** Colorado, Mid West, Southern California. **Major interests:** teaching geog., conservation, climatology. **Current research:** Elm Creek Watershed, Allen County, Kans. (A)

WEAVER, JOHN C. U. of Wisconsin, B.A., 1936, M.A., 1937; Ph.D., 1942. Prof., Dept. of Geog., U. of Minnesota. **Address:** 1514 Fulham St., St. Paul 8, Minn. **Past positions:** Research and Editorial Staff, Amer. Geographical Soc.; Office of the Geographer, U. S. Dept. of State; Hydrographic Office, Office of Chief of Naval Operations. **Areas known first-hand:** U. S. and Canada, particularly the Great Plains, Intermountain West; Great Basin and Pacific Coast. **Major interests:** agricultural geog.; polar regions. **Current research:** industrial consulting work in fields of crop ecology and crop distribution in the north central states, currently particularly with reference to barley and flax; ice in the Seas, Lakes and Rivers of Arctic, and history of Arctic Exploration.

WEBB, GEORGE W. George Peabody Coll., B.S., 1938, M.A., 1939. Assoc. Prof. of Economics, Tennessee Polytechnic Institute. Cookeville, Tenn. **Past positions:** Instr. of Econ. & Geog., East Central Jr. Coll., Decatur, Miss.; Instr. of Meteorology, Climatology, Aerology at U. S. Navy aviation bases and pre-flight schools. **Areas known first-hand:** The South. **Major interests:** economic geog., regional geog., climatology.

WEEKS, DAVID H., Jr. **Address:** New York State Dept. of Commerce, 112 State St., Albany 7, N. Y. **Past position:** Student, Syracuse U. (A)

WEGNER, GLENDON FRANK. Student, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Past position:** U. S. Forest Service. **Areas known first-hand:** N. W. Oregon. **Major interests:** physical geog. (A).

WEIGEND, GUIDO G. U. of Chicago, B.S., 1942, M.S., 1946, Asst. Prof. Rutgers Univ., New Brunswick, New Jersey. **Past positions:** Office of Strategic Services; Military Intelligence; U. of Illinois, Navy Pier, Chicago. **Areas known first-hand:** Austria, Bulgaria, Balkans, Czechoslovakia, Hungary. **Major interests:** economic and political geog. of Europe and Soviet Union. **Current research:** cultural pattern of south Tyrol (Ph.D. dissertation.)

WEIGERT, HANS W. OMGUS, Legal Div. **Address:** APO 742, c/o Postmaster, New York, N. Y. (*)

WEIR, THOMAS R. Syracuse U., M.A., 1944. Grad. Student, Dept. of Geog., U. of Wisconsin, Madison 6, Wis. **Past position:** Lecturer, U. of British Columbia. **Areas known first-hand:** Canadian Arctic, western Canada.

WELCH, PHILIP. **Address:** Christopher, Illinois. (A) (*)

WELSHIMER, PAULINE. Teachers Coll., Columbia U., M.A., 1945. **Address:** 314 Williams Road, Bellefontaine, Ohio. (*)

WEST, GEORGE G. **Address:** Laboratory School, State Teachers College, Slippery Rock, Pa.

WEST, LEE R. Southwestern State Teachers Coll., B.S., 1927; George Peabody Coll., Nashville, Tenn.

M.A., 1929. Prof. of Geog., Colorado State Coll. of Education, Greeley, Colo. **Areas known first-hand:** Colorado. **Major interests:** geog. education, Colorado, United States.

WEST, SEYMOUR. Clark U., M.A., 1941. U. S. Government. **Address:** 1616 16th St., N.W., Washington 9, D. C. **Past positions:** Teacher, Kearney High School, Kearny, N. J; Geographer, Army Map Service, Corps of Eng. **Areas known first-hand:** Bengal, India. **Major interests:** photo interpretation, economic geog.

WESTBROOK, JANE H. (Mrs. R. B. Westbrook). State Coll., Washington, A. B. Environmental Protection Section, Office of the Quartermaster General, Dept. of Army. **Address:** 4926 Eskridge Terrace, N.W., Washington 16, D. C. **Past positions:** Jr. and Sr. H. S. Coleraine, Minn

WESTON, EVELYN G. Kent State U., B.S. in Ed., 1935; M.A., 1940. Asst. Prof., Kent State U., Kent, Ohio. **Address:** 332 Talmadge Road, Cuyahoga Falls, Ohio. **Past positions:** Teacher, Cuyahoga Falls Public Schools; Akron Public Schools. **Areas known first-hand:** U. S. St. Lawrence Valley. **Major interests:** economic and human geog., geog in education.

WHEELER, ESTELLA. Bradley U., B.A., 1937. Teacher, Manual Training H. S., Peoria, Ill. **Address:** 411 Peoria Ave., Peoria, Ill. **Past positions:** Teacher, White School and Harrison School, Peoria, Ill. **Areas known first-hand:** mid-west and e. U. S., e. Canada. (*)

WHITAKER, J. RUSSELL. U. of Chicago, B.S., 1922; U. of Wisconsin, M.S., 1923; U. of Chicago, Ph. D., 1930. Prof. of Geog. and Hd. of Dept., George Peabody Coll. for Teachers, Nashville, Tenn. **Past positions:** Asst. and Assoc. Prof., U. of Wisconsin; State Teachers Coll., Marquette, Mich. **Areas known first-hand:** U. S. east of the Rockies; eastern Canada. **Major interests:** geog. of the U. S.; conservation of natural resources; geog. in school and college. **Current research:** fragmentary research on resources.

WHITE, C. LANGDON. Denison U., B.S., 1920; Clark U., Ph. D., 1925; Denison U., Sci. D. (Honorary), 1942. Prof., Dept. of Geog., Stanford U., Calif. **Past positions:** Instr., Clark U.; U. of Pittsburgh; Assoc. Prof., Miami U.; Prof., Randolph-Macon Woman's Coll.; Western Reserve U.; Visiting Prof., San Marcos U., Lima, Peru. **Areas known first-hand:** U. S., esp. Utah; S.A., esp. Peru. **Major interests:** Anglo America; Latin America; geog. of manufactures. **Current research:** South America's possibilities for modern large-scale industry.

WHITE, GILBERT F. U. of Chicago, S. B., 1932, S.M., 1934, Ph. D., 1942. President, Haverford Coll., Haverford, Pa. **Past positions:** U. S. Govt. service; American Friends Service Committee. **Major interests:** conservation of natural resources. **Current research:** water resources.

WHITE, HELEN M. George Washington U., A.B., 1921, A.M., 1924. Teacher, Roosevelt H. S., Washington, D. C. **Address:** 4524 9th St., N.W., Washington 11, D. C.

WHITE, MAX. U. of Illinois, M.A. **Address:** 6016 33rd Ave., Kenosha, Wisc. (*)

WHITMARSH, AGNES. U. of Chicago, B.S. Map Library, U. of Chicago, Chicago, Ill. (*)

WHITTEMORE, KATHERYNE THOMAS (Mrs.) Vassar Coll., A.B., 1921; Clark U., M.A., 1925, Ph.D., 1936. Head, Dept. of Geog., N. Y. State Coll. for Teachers, Buffalo, N. Y. **Past positions:** N. Y. State Coll. for Teachers since 1925. **Areas known first-hand:** Alaska, Japan, Ontario, New York State. **Major interests:** regional Geog. (New York State); teaching of geog.; economic geog. **Current research:** development of power along the Niagara Frontier; industrial geog. of Buffalo.

WHITTINGTON, ROBERTA E. U. of California at L. A., B.A., 1942. Grad. student, U. of California at L. A. **Address:** 617 Myrtle Ave. Inglewood, Calif. **Past positions:** Guide, Nat'l Park Service, Carlsbad, N. Mex.; Cartographic Sec. Historical Div. War Dept. **Major interests:** historical geog.; cartography.

WHITTLESEY, DERWENT. U. of Chicago, Ph.B., 1914, M.A., 1915, Ph.D.

1920.; Harvard U., M.A., (Honorary) 1912. Prof. of Geog., Hervard U., 2 Divinity Ave., Cambridge 38, Mass. **Past positions.** Acting Asst. Prof. of History, Denison U.; Instr., Asst. Prof., and Assoc. Prof., U. of Chicago. **Areas known first-hand:** Latin America, except Amazon Basin and Venezuela; Africa, south of the Sahara; Europe, west of Russia; N. A., north of Mexico. **Major interests:** political geog.; regional geog. of Black Africa; geog. of agric., esp. agric. of the low latitudes. **Current research:** a small book on Environmental Foundations of European History; working up materials collected on latest trip to Africa; Regional Geog., and the Geographic Region (committee for the A.G.S. Centennial Studies); revision of World Map of Agricultural Regions.

WHOLEAN, BETSEY B. (Mrs. John N.). Mt. Holyoke Coll., B.A., 1949. **Address:** 2372 Wooster Rd., Rocky River, Ohio. **Areas known first-hand:** New England. **Major interests:** meteorology. **Current research:** regional study of Wisc. (A)

WICKWIRE, GRANT T. Yale U., M.S. Prof., Dept. of Geol. and Geog., Hanover Coll., Hanover, Indiana. **Past positions:** Hanover, 1928; U. S. Army. **Areas known first-hand:** Idaho, Mont., New England, Ga., Fla., Germany, Switzerland, Austria, Czechoslovakia and France. **Major interests:** mineral and water resources.

WIEGAND, ELEANOR E. New Jersey State Teachers Coll., B.S. in Elem. Ed.; Northwestern U., M.S., 1947. Teacher, Fairlawn, N. J. **Address:** 71 Maple St., Paterson 2, N. J. **Past positions:** Teacher, Jr. high, Fair Lawn. **Areas known first-hand:** New Jersey. **Major interests:** educational geog.; S. America. (A)

WIENS, HEROLD J. U. of Mich., M.A., 1947. Ph.D., 1949. Asst. Prof. of Geog., Yale U. **Address:** 53 Morse St., Hamden, Conn.

WILEY, JOHN AND SONS, INC. **Address:** 440 Fourth Avenue, New York 16, N. Y. (see advertisement)

WILEY, SELVA C. **Address:** 1079 Hunter Ave., Columbus, Ohio.

WILKENS, WILLIAM W. Student, Dept. of Geog., Oregon State Coll., Corvallis, Ore. **Areas known first-hand:** U. S. Northwest and Southwest. **Major interests:** resource analysis.

WILLETT, HURD C. Princeton U., B.S., 1924; George Washington U., Ph.D., 1929. Prof. of Meteorology, Rm. 24-606, Massachusetts Institute of Technology, Cambridge 39, Mass. **Past positions:** Observer and Asst. Meteorologist, U. S. Weather Bureau. **Major interests and current research:** study of the general circulation of the earth's atmosphere as related to long-range weather forecasting and long-period climatic changes.

WILLIAMS, FRANK E. U. of Wisconsin, A.B., 1910, M.A., 1912, Ph.D., 1928. Emeritus Prof., U. of Pennsylvania; Lecturer at U. of California, Los Angeles. **Address:** Dept. of Geog., U. of California, Los Angeles 24, Calif. **Past positions:** Instr., Asst. Prof., U. of Wisconsin; Asst. Prof., Prof., U. of Pennsylvania; Lecturer, Teachers Coll., Columbia U.; Capt. U. S. Army; U. S. Shipping Bd. **Areas known first-hand:** northern Wisconsin; northern Minnesota; glaciers of southern Alaska; southeastern Pa. (particularly industrial development of Schuylkill Valley); U. S., Canada, S.A. **Major interests:** economic geog.; regional geog. of N. A. and of Latin America.

WILLIAMS, JOSEPH E. U. of California, A.B., 1929; U. of Vienna, Ph.D., 1932. Assoc. Prof., Dept. of Geog., U. of Washington, Seattle 5, Wash. **Past positions:** Los Angeles City Coll.; San Francisco Jr. Coll.; Stanford U.; U. of California at L. A.; U. of Washington. **Areas known first-hand:** Central Europe, British Isles, Spain. **Major interests:** Europe, cartography. **Current research:** geog. of Siberia, High latitude geomorphology.

WILLIAMS, ROBERT LEE. U. of Wisconsin, Ph. B., 1940; Harvard U., M.S., 1949. **Past positions:** Teaching Fellow, Harvard U., Cambridge, Mass., Cartographer, Office of Strategic Services. **Areas known first-hand:** England, Ceylon. **Major interests:** cartography.

WILLIAMSON, MARY F. Clark U., M.A., 1942. **Address:** 918 18th St., N.W., Washington, D. C. (*)

WILLS BERNT LLOYD. State Teachers Coll., Valley City, N. Dak., B.A., 1934; Montana State U., Missoula, Montana, M.A., 1937. Assoc. Prof. of Geog. and Head of Dept., U. of North Dakota, University Station, Grand Forks, N. Dak.

WILSON, CURTIS MERVIN. U. of Nebraska, B.S. in Ed., 1931, M.A., 1937, Ph.D., 1944. Chairman, Dept. of Geog. and Geol. and Asst. Dean, College of Arts and Sciences, U. of Toledo, Toledo 6, Ohio. **Past positions:** Instr., Crete H. S., Crete, Neb., Prof., Nebraska State Teachers Coll., Kearney, Neb. Chairman, Dept. of Social Sciences, Nebraska State Teacher's Coll., Chadron, Neb.; Office of Strategic Services and Dept. of State, Washington, D. C. **Areas known first-hand:** U. S.; Ontario; Canada; Mexico and Central American. **Major interests:** world resources, Latin America, Far East. **Current research:** Guatemala, World Port Series.

WISON, HENRY S. **Address:** 2305 Lexington Road, Louisville 6, Kentucky. (*)

WILSON, LEONARD S. U. of Michigan, A.B., 1932, M.S., 1933, Ph.D., 1936. Prof. of Geog., Dept. of Geol. and Geog., Carleton Coll., Northfield, Minn. (on leave for service in Japan). **Past positions:** Teaching Fellow, U. of Michigan; Chief, Map Div., Office of Strategic Services, London, Eng.; Deputy Chief, Map Div., OSS, Washington; Chief, Map Intelligence Br., Dept. of State; LCDR., U.S.N.R. **Areas known first-hand:** United Kingdom; France; Azores; Newfoundland; U. S., esp. northeast, south, west and Japan.

WILSON, MARIETTA C. (Mrs.) Trenton State Teachers Coll., B.S. in Ed., 1945. Eighth Grade Geog. Teacher. Address: 49 W. Fourth St., Florence, N. J. **Past positions:** Eddystone Grammar School, Pa.; Roebling Public School, Roebling, N. J. **Areas known first-hand:** Burlington County, N. J. **Major interests:** geog., science, hist. (A)

WING, MARIE ELLAN. 1347 Harvard St., N.W., Washington 9, D. C. (A)

WINSLOW, DAVID CLINTON. U. of Oklahoma, A.B., 1936; U. of Nebraska, M.A., 1940; Clark U., Ph.D., 1948. Asst. Prof., Geog. Dept. Oklahoma, A. & M. Coll., Stillwater, Okla. **Post positions:** Instr., Seminole Jr. Coll., Seminole, Okla.; National Parks Ranger, Carlsbad Caverns Nat'l. Park & White Sands Nat'l. Monument; U. S. Soil Conservation service. **Areas known first-hand:** Middle and Southwest U. S. **Major interests:** physiography, conservation, plant geog. **Current research:** geog. implications of niphometeorological studies in Western N. A.; geog. implications of the evaporation-transpiration factor in Okla.; distribution of fish hatcheries in the S. W. textbook in conservation.

WISE, MORRIS W. **Address:** State Teachers Coll., Florence, Ala. (A)

WITHINGTON, WILLIAM ADRIANCE. Harvard U., A.B., 1941; Northwestern U., M.A., 1948. Instr., Dept. of Geog., George Washington U., Washington 6, D. C. **Past positions:** Grad. Asst., Northwestern U. **Areas known first-hand:** Hawaiian Islands; New England; Middle West. **Major interests:** political geog., geog. of Europe and N. A. (A)

WODEHOUSE, ROBERT F. U. of Toronto, 1934; London School of Economics, 1936. **Position:** Officer, Canadian Army. **Address:** 1700 M St. N.W., Washington, D. C. **Major interests:** economic geography, communications. (A)

WOLFANGER, LOUIS A. Prof., Res. Prof. and Extension Specialist in Land Use, Conservation Institute, and Dept. of Soil Science, Michigan State Coll., East Lansing, Mich.

WONDERS, WILLIAM C. U. of Toronto, B.A., 1946; Syracuse U., M.A., 1948. Lecturer, Dept. of Geography, U. of Toronto, Toronto 5, Ontario, Canada. **Past positions:** Teaching Asst., Dept. of Geog., Syracuse U. **Areas known first-hand:** Canadian Arctic Archipelago, Northwest Greenland, Ontario, New York, Midwest U. S. **Major interests:** Canada, economic geography. **Current research:** climate of Canadian Arctic Archipelago. (A)

WOOD, ELLA LUCILLE. U. of Wis. Ph.D., 1927. Michigan Coll. of Mining and Technology, Houghton, Mich.

WOOD, LEWIS F. 111. **Address:** 4360 West 224th Street, Cleveland 16, Ohio. (A) (*)

WOOD, MABEL. U. of Wisconsin, Ph.B. Washington U., St. Louis Mo., M.S. Teacher, of physiography, Soldan-Blewitt, H. S., St. Louis, Mo. **Address:** 6121 Westminster Pl., St. Louis 12, Mo. **Past positions:** elementary schools. **Areas known first-hand:** parts of U. S., Canada, Mexico, S. A., Europe. **Major interests:** geomorphology. S. A., Missouri.

WOOD, WALTER A. Director (N.Y.), Arctic Institute of N. A., 3755 Broadway, New York 32, N. Y. **Past positions:** Hd., Dept. of Field Research, Amer. Geog. Soc.; U. S. Army. **Areas**

known first-hand: Greenland; Northwest Territories, Canada; Yukon Territory, Alaska; also critical areas in Colombia, Mexico, Guatemala, and Himalaya. **Major interests:** arctic and high mountain geog. **Current research:** Director, Project "Snow Cornice" of Arctic Institute of N. A. (a long-range field project devoted to glaciological and related research within the Seward Glacier Basin, St. Elias Range, Alaska, Yukon).

WOOD, WALTER F., River Falls State Teachers (Wisc.)) B.S., 1940; U. of Wis., M.S., 1947. Grad. Asst., U. of Wis. **Address:** 44 D Badger, Wis. **Areas known first-hand:** Gulf coast, Northwest Europe. **Major interests:** climatic classification, air photo interpretation. **Current research:** utilization of Wisconsin peat and muck soils.

WOODWARD, CHARLES E. Grad. Student, U. of Calif. **Address:** 1203 Spruce St., Berkeley 9, Calif. **Areas known first-hand.** The South, Mid-Basin Aleutian Islands, Hawaiian Islands. **Major interests:** regional planning, cartography. (A)

WORLEY, LILLIAN E. Alabama Coll., A.B., 1931; U. of Wisc., M.A., 1933.; U. of N. Car., Ph.D, 1949. Asst. Prof. of Geog., Dept. of Geol. and Geog., U. of Tenn., Knoxville, Tenn. **Past positions:** Instr. and Assoc. Prof., Alabama Coll.; Research Asst., Bur. of Pub. Adm., U. of Alabama. **Areas known first-hand:** The South, Middle West, South West, Far West. **Major interests:** resources and conservation, urban geog., teaching of geog. **Current research:** urban geog. of Birmingham, Ala.; geog. distribution of Tennessee parks; bright spots in resource use and conservation; status of geog. teaching in Tennessee.

WRAIGHT, JOSEPH, Washington U., A.B., 1939; M.S., 1941. Coast and Geodetic Survey, Dept. of Commerce (field.) **Address:** 5844 Cabanne Ave., St. Louis, Mo. **Past positions:** Board on Geographical Names; Topographical Eng., U. S. Coast and Geodetic Survey; teaching asst., Washington U., Clark U. **Areas known first-hand:** East Coast, Middle West. **Major interests:** Southeast tidewater region. (*)

WRATHER, WILLIAM E. **Address:** 4710 Woodway Lane, Washington 16, D. C.

WRAY, JAMES RONALD, U. of Chicago, S.B., S.M., 1948. Geography Div., Bureau of the Census. **Address:** 5118 Hanna Pl., S.E., Washington 19, D. C. **Past positions:** Terrain Analyst, U. S. War Dept.; Instructor, Dept. of Geog., U. of Chicago. **Areas known first-hand:** Bavarian Foreland; Wisc. and Ill. **Major interests:** cartography and air photo interpretation; field methods, urban geog. **Current research:** teaching of cartography.

WRIGHT, ALFRED J. U. of Michigan, A.B., 1922; U. of Pennsylvania, A.M., 1925; U. of Michigan, Ph.D., 1934. Professor, Department of Geog., Ohio State U., Columbus 10, Ohio. **Past positions:** U. of Pennsylvania. **Areas known first-hand:** U. S. **Major interests:** industrial geog.; N. A. **Current research:** steel districts.

WRIGHT, FRANK J. Bridgewater Coll., B. A., 1908; U. of Virginia, M. A., 1911; Columbia U., Ph. D., 1918. Prof. of Geol. and Geog., Denison U., Granville, Ohio, Box 518. **Past positions:** Prof. of Geol. Bridgewater Coll. **Areas known first-hand:** Southern Appalachians. **Major interests:** geomorphology. **Current research:** geomorphology Southern Appalachians.

WRIGHT, HELEN G. **Address:** State Teachers Coll., Glassboro, New Jersey.

WRIGHT, JOHN K. Harvard U., A. B., 1913, A.M., 1914, Ph.D., 1922. Research Assoc., American Geographical Soc., Broadway at 156th St., New York 32, N. Y. **Past positions:** Librarian, and Director, American Geographical Soc. **Areas known first-hand:** New England; W. Europe. **Major interests:** history of geog; historical geog.; geographical bibliography. **Current research:** history of the American Geographical Soc.

WRIGHT, MARION I. Rhode Island Coll. of Educ., B.Ed., 1944; Clark U., M.A., 1946. Asst. Prof., Rhode Island Coll. of Educ., Providence 8, R. I. **Address:** 39 Villa Ave., Edgewood 5, R. I. **Past position:** Instr. Bryant Coll., Providence, R. I., 1946. **Areas known first-hand:** New England and Atlantic Coastal Plain. **Major interests:** economic geog., methods and materials for teaching geog. in the grades.

WRIGLEY, GLADYS M. Am. Geographical Soc., Broadway at 156th, New York 32, N. Y.

WRIGLEY, ROBERT L., Jr. Utah State Agricultural Coll., B. S., 1934, M. S., 1935; U. of Chicago, Ph. D., 1942. Geography Div., Bureau of the

Census, Suitland, Md. **Past positions:** Sr. Research Planner, Chicago Plan Commission; Asst. Prof., U. of N. Carolina. **Areas known first-hand:** Eastern U. S., parts of Middle West and Rocky Mt. Area. **Major interests:** urban and econ. geog.; city planning. **Current research:** urban fringe delineation with Census Bureau.

WYSOR, CAROLYN E. Wellesley Coll., B. A., 1940, M. A., 1943 (Music). Grad. Student, Dept. of Geog., Kent State U., Kent, Ohio. **Address** 21200 Brantley Road, Cleveland 22, Ohio. **Past positions:** Grad. Asst., Dept of Music, Dept. of Geog., Wellesley Coll.; Research Dept., Army Map Service; Adm. Asst., Metals Section, Economics Div., Office of Military Gov. for Germany, Berlin. **Areas known first-hand:** U. S., N. W. Europe. **Major interests:** geog., political science, economics. **Current research:** Dominion Steel Co. of Canada (M. A. thesis). (A)

YODER, JULIAN C. **Address:** 805 Faculty St., Boone, North Carolina. (*)

YODER, LEE O. Illinois State Normal U., B. ED., 1915; U. of Chicago, S. M., 1926. Head Dept. of Geog. and Geol. Drake U., Des Moines 11, Ia. **Past positions:** U. of Illinois. **Areas known first-hand:** Cornbelt, Upper Pen. of Mich. **Major interests:** conservation, human geog., meteorology.

YONGE, ENA L. Map Curator, American Geographical Society, Broadway at 156th St., New York 32, N. Y. **Major interests:** map classification and cataloging.

YOUNG, ROBERT N. U. of Washington, B. A., 1947, M. A., 1948. Grad. Asst., Geog. Dept., U. of Wisc., Madison 6, Wisc: **Past positions:** Teaching Asst., U. of Washington, Photo Interpreter. **Areas known first-hand:** Pacific Northwest California, Guam, and Saipan. **Major interests:** U. S., physical geography, photo interpretation. **Current research:**. Okanogan valley, Wash. (Master's thesis).

ZABORSKI, BOGDAN. Warsaw U., Doctor's degree, 1925; Cracow U., "Dozents" degree, 1930. Associate Prof., Dept of Geog., McGill U., Montreal, Canada. **Past positions:** Asst., Deputy Prof., Prof., Warsaw U.; Deputy Prof. Cracow U.; Head, Cartographical Printing Office for Polish Govt., London; Prof., Polish U. Coll. in London.

ZELLER, ESTHER T. (Mrs. Karl A. Zeller) Ohio State U., B. S., 1924; M. A., 1925. Prof., St. Mary of the Springs Coll., Columbus 3, Ohio. **Address:** 231 N. Stanwood Road, Bexley, Columbus 9, Ohio. **Past positions:** Teacher, Secondary Schools, Columbus Public Schools. **Areas known first-hand:** Bermuda, West Indies, U. S., Europe.

ZELLER, ROSE. Illinois State Normal Univ., B.Ed., 1926; Clark Univ. A.M., 1930, Ph.D., 1940. Professor of Geography, Eastern Illinois State Coll., Charleston, Ill. **Areas known first-hand:** U. S. esp. Illinois, New England; N. E. Canada. **Major interests:** plant, human and economic geog. **Current research:** reasons for small villages in Illinois.

ZIERER, CLIFFORD M. Indiana U. A. B., 1922, A. M., 1923; U. of Chicago, Ph. D., 1925. Prof., Dept of Geog., U. of California, 405 Hilgard Ave., Los Angeles 24, Calif. **Areas known first-hand:** Anglo-America, Australia. **Major interests:** regional, urban and economic geog. **Current research:** Los Angeles metropolitan area.

ZIMMERMANN, ERICH W. Distinguished Prof. of Resources, U. of Texas, Austin, Texas. **Address:** 5 Niles Road, Austin 21, Texas.

ZINK, NORAH E. U. of Utah, B. S. 1924; Columbia U., M. A. 1926; U. of Chicago, Ph. D., 1937. Instr., State Teachers Coll., Indiana, Pa. **Past positions:** Public Schools, Salt Lake City, Utah; Instr., State Normal School, New Haven, Conn.; Instr., U. of Pittsburgh, State Engineer's Office, Salt Lake City, Utah. **Areas known first-hand:** Pa., Conn., western U. S., esp. Utah, western Europe. **Major interests:** Latin America, Arabia and Near East, Africa. **Current research:** South Africa.

ZUBER, LEO JOSEPH. Wayne U., A. B., 1930; U. of Mich., M. A., 1931. Planning Technician, Metropolitan Planning Commission of Atlanta, Atlanta, Ga. **Past positions:** Tennessee Valley Authority; Tennessee State Planning Comm., National Housing, U. of Georgia (Atlanta Div.). **Areas known first-hand:** Tennessee, Atlanta and vicinity, Michigan. **Address:** 2794 North Decatur Road, Decatur, Georgia.

INDEX OF MEMBERS BY STATES

(For exact initials and addresses, refer to the alphabetical listing.
Late changes of address are not noted in this list.)

ALABAMA

AUBURN: **Alabama Polytechnic Inst.**, Terrell. BIRMINGHAM: **Birmingham-Southern Coll.**, Tower. CULLMAN: **Cullman County High School**, Hill. FLORENCE: **State Teachers Coll.**, Wise. LIVINGSTON: **Livingston State Teachers Coll.**, Latendress. MONTEVALLO: **Alabama Coll.**, Marshall. TROY: **State Teachers Coll.**, Stephan. UNIVERSITY: **Geological Survey of Alabama**: Harper.

ARIZONA

FLAGSTAFF: **Arizona State Coll.**, Allen. GLOBE: Antevs. TEMPE: **Arizona State Coll.**, Miller, Christensen. TUCSON: Gould, Shreve.

ARKANSAS

CONWAY: **Arkansas State Teachers Coll.**, Burdick. FAYETTEVILLE: **U. of Arkansas**, Maxfield, Tansey.

CALIFORNIA

BERKELEY: **U. of Calif.**, Aschmann, Kesseli, Leighly, Sauer, **C. E. Erickson and Assoc.**, Erickson; **other**: Grant. CALISTOGA: Bissell. CHICO: **Chico State Coll.**, Vent. FRESNO: **Fresno State Coll.**, Cole. GLENDALE: **Glendale Coll.**, Klotz. HOLLYWOOD: Corson. LA JOLLA: Koeppe. LOS ANGELES: **Los Angeles City Coll.**, Carroll, Carthew, Smith. **U. of So. California**, Lantis, Reith, **U. of Calif. at Los Angeles**, Bailey, Baugh, Bruman, Glendinning, Gregor, Hodgson, Kostanick, Logan, MacFadden, MacFadden, Spencer, Thomas, Whittington, Williams, Zierer; **others**: Nevins. OAKLAND: Corps. of Engineers, S. Pacific Div., Miller, REDWOOD CITY: Myers. SAN DIEGO: Blumenstock. **San Diego State Coll.**, Richardson. SAN FRANCISCO: **H. M. Gousha Co.**, Buoncristiani, **San Francisco State Coll.**, Gibson. **Veterans Admin.**, Miller. SAN JOSE: **H. M. Gousha Co.**, House. **San Jose State Coll.**, Hinze, **other**: Vernon, Vernon. SANTA BARBARA: **U. S. Dept. of Ag.**, Shantz. STANFORD U.: Anderson, Bennett, Blackwelder, Taylor, White. VAN NUYS: Davis. VENTURA: **Ventura Junior Coll.**, Brittingham. WHITTIER: Runkle.

COLORADO

BOULDER: **U. of Colorado**, Alberts, Hammel, Hoffmeister, Kelley, Malcolm, Ott, Thomas, Wheatherbie, Woodward, **other**: Entwistle, Natalie. DENVER **U. of Denver**, Crain, Finley, Harris, Greeley: **Colorado State Coll.**, West.

CONNECTICUT

MANSFIELD CENTER, **Dodge**, NEW HAVEN: **Yale U.**, Jones, Pelzer, Richardson, Vieter, Wiens; **other**: Schwartz. STORRS: **U. of Connecticut**, Rumney, WALLINGFORD: **The Choate School**, Tobey.

DELAWARE

MARSHALLTON: Nelson, NEWARK: **U. of Delaware**, Hanson.

FLORIDA

GAINESVILLE: **U. of Florida**, Diettrich, Gehrke, Pierson. HAVANNA: Bostick. KISSIMEE: Elkins. MIAMI: **Univ. of Miami**, Kreske, Dambaugh, Staats. TALLAHASSEE: **Florida State U.**, Becker, Brubaker, Leathers.

GEORGIA

ATHENS: **U. of Georgia**, Lane, Mather, Ogilvie, Prunty, Sell, Stellings. ATLANTA: **Atlanta Div. U. of Georgia**, Walker; **Georgia School of Tech.**, Navarre; **other**: Dunlap. MILLEDGEVILLE: **State Coll. for Women**, Dorris.

IDAHO

BOISE: **U. S. Bur. of Reclamation**, Torbert. MOSCOW: **U. of Idaho**, Caldwell.

ILLINOIS

BLOOMINGTON: Ridgley. CARBONDALE: **S. Illinois U.**, Cunningham, Krause, Shank. CENTRALIA: **Centralia H. S. and Jr. Coll.**, Huck. CHAMPAIGN: Smith. CHARLESTON: **E. Illinois State Coll.**, Barton, Zeller. CHICAGO: **Chicago Plan Commission**, Mayer; **Denoyer-Geppert Co.**, Geppert; **DePaul U.**, Houk; **Encyclopaedia Britannica**, Burtis, Constantine, Odell; **Rand McNally and Co.**, Bradley, Mapes, Miller; **Sullivan H. S.**, Huck; **U. of Chicago**, Ackerman, Calef, Colby, Foster, Ginsburg, Harris, Horbaly, Kemler, Leppard, Munger, Parker, Platt, Wallis, Whitmarsh; **U. of Illinois, Navy Pier Br.**, Cutshall, Finney; **other**: Kusch, Johnson. CHICAGO HEIGHTS: **Bloom Township H. S.**, Martin. CHRISTOPHER: Welch. CICERO: **Morton Jr. Coll.**, Cramer. ELMHURST: Petterson. EVANSTON: **Community Coll.**, Bradley; **Northwestern U.**, Allen, Batchelder, Dohrs, Espenshade, Garrison, Haas, Hart, Hudson, Jones, Kohn, Long, Lounsbury, Moore, Obert, Phelps, Powers, Proudfoot, Robinson, Robinson, Smith, Sommers, Sommers, Waterman. HARDIN: Prange. HIGHLAND PARK: Barrows. JOLIET: **H. S. and**

Jr. Coll., Buell. KINGSTON: Scott. LAKE FOREST: **Ferry Hall**, Fass. LaSALLE: Marsh. MACOMB: **W. Illinois State Coll.**, Tillman. MOLINE: **H. S. and Jr. Coll.**, Kasel. NORMAL: **Illinois State Normal U.**, Crompton, Gueffroy, Lathrop, Sorenson, Watterson. OAK PARK: **Jr. H. S.**, Anderzohn. PEORIA: **Bradley U.**, Burgy; **other**: Wheeler. RANTOUL: Stewart, RIVER FOREST: **Concordia Teachers Coll.**, Gross. URBANA: **U. of Illinois**, Blanchard, Booth, deLaubenfels, Garland, Page, Russell, Strasser, Voskuil. WHEATON: **Wheaton Coll.**, Smith. WINNETKA: **New Trier Twp. H. S.**, Flemington.

INDIANA

ANDERSON: **Anderson Sr. High School**, Finney. AURORA: Schockel. BLOOMINGTON: **U. of Indiana**, Arlen, Barton, Ives, Miller, Starkey, Stoneman, Switzer, Visher. ELKHART: **Roosevelt Jr. H. S.**, Hull. GREENCASTLE: **DePaw U.**, Loring. HAMMOND: **Vocational H. S.**, Moengen. HANOVER: **Hanover Coll.**, Wickwire. INDIANAPOLIS: **Bobbs-Merrill Co.**, Ulery; **Butler U.**, Moulton. LaFAYETTE: Erselcuk. MARION: Bradford. MUNCIE: **Ball State Teachers Coll.**, Hurlbut. NEW CASTLE: Gwinn. TERRE HAUTE: **Indiana State Teachers Coll.**, Koch. VALPARAISO: **Valparaiso U.**, Buls, Eggerding, Meyer, Strietelmeiers.

IOWA

CEDAR FALLS: **Iowa State Teachers Coll.**, Uttley. DAVENPORT: **St. Ambrose Coll.**, Renner. DES MOINES: **Drake U.**, Cummings, Heath, Richards, Yoder. DUNLAP: Brown. FORT DODGE: Lepley. INDIANOLA: **Simpson Coll.**, Doty. IOWA CITY: **State U. of Iowa**, Bowman, Hartman, McCarty, Schaefer. WATERLOO: Reidel. WAVERLY: **Wartburg Coll.**, Austerud.

KANSAS

EMPORIA: **Kansas State Teachers Coll.**, Buzzard, Goebel, Anne. HAYS: **Fort Hays Kansas State Coll.**, Thomas. HILLSBORO: **Tabor Coll.**, Klemm. LAWRENCE: **U. of Kansas**, Elliott, Kollmorgen, Malin, Smith. MANHATTEN: **Kansas State Coll.**, Larson, Self, Smith, Stacey, WICHITA: Haws.

KENTUCKY

BOWLING GREEN: **Western Kentucky State Coll.**, Griffin, Marks, COVINGTON: **Villa Madonno Coll.**, Cleta. DANVILLE: **Centre Coll.**, Heffelfinger. FRANKFORT: **Kentucky State Coll.**, Simpson. INDEPENDENCE: Stephens. LEXINGTON: **U. of Kentucky**, Schwendeman, Tuthill. LOUISVILLE: Wilson. PADUCAH: **Paducah Jr. Coll.**, Hawkins. WALTON: Riley.

LOUISIANA

BATON ROUGE: **Louisiana State U.**, Kniffen, Russell. LAFAYETTE: **Southwestern Louisiana Inst.**, Kelley; **other**: Brown. NATCHITOCHES: **Northwestern State Coll.**, Hoover. SHREVEPORT: Romberg.

MAINE

GORHAM: **Gorham State Teachers Coll.**, Thoman.

MARYLAND

ANNAPOLIS: **U. S. Naval Acad.**, Benson. BALTIMORE: **Johns Hopkins U.**, Carter, Hoffman, Lattimore, Lee, Pendleton, Penrose; **Kenwood High School**, Burgess; **U. S. Ordnance Lab.**, Frank. BETHESDA: Reifel. CHEVY CHASE: Brady, Mendenhall, Vogel. COLLEGE PARK: **U. of Maryland**, Anderson, Baker, Battersby, Calhoun, Crist, Dillard, Downs, Everhart, Gentilcore, Groot, Hewins, Hickman, Hu, Jones, Karinen, Keller, Kelley, Porter, Sundstrom, VanRoyen, Watson, Thornthwaite. FROSTBURG: **State Teachers Coll.**, Diehl. HYATTSVILLE: Gillman. KENSINGTON: Milburn. LANHAM: Scofield. McDONOGH: Diehl. SILVER SPRING: Hall. TOWSON: **State Teachers Coll.**, Blood.

MASSACHUSETTS

BOSTON: **Boston Coll.**, Liard; **Boston U.**, Erickson; **Stop and Shop, Inc.**, Applebaum: **others**: Bond, Morse, Plante. BRIDGEWATER: **State Teachers Coll.**, Huffington. CAMBRIDGE: **Harvard U.**, Brooks, Bryan, Fernald, Kemp, Lewis, Mather, Nash, Raisz, Raup, Ullman, Whittlesey, Williams; **Mass. Inst. of Teach.** Willett; **Radcliffe Coll.**, Woodward. CHELSEA: Sylvester. FITCHBURG: **State Teachers Coll.**, Simmons. FRAMINGTON: **State Teachers Coll.**, Shawkey. MILBURY: Berg. MILTON: Edwards. NEEDHAM: Packard. ROSLINDALE: Kelley, SOUTH HADLEY: **Mt. Holyoke Coll.**, Butler, Eriscon, Lemaire. WALTHAM: Caughey. WELLESLEY: **Wellesley Coll.**, Eiselen, Parker. WELLESLEY HILLS: **Babson Institute of Bus. Adm.**, Garrison. WESTFIELD: **Westfield State Teachers Coll.**, Wallace. WEST SPRINGFIELD: Cordonier. WINTHROP: Pierce. WORCESTER: **Clark U.**, Burnham, Burton, Caruso, Clark, Danklefsen, Elliott, Laine, Macewicz, Mayer, Menchini, Miller, Murphy, Nason, Noland, Retallick, Sobol, Summer, VanValkenburg, Warman, Zuber; **State Teachers Coll.**, Shaw.

MICHIGAN

ALBION: **Albion Coll.**, Rogers. ANN ARBOR: **U. of Michigan**, Crary, Davis, Dodge, Garrison, Hall, Hodgson, Hoffman, Kish, Martin, McMurry, McMurry, Palmer, Rogers, Ruthven, Vanderhill,

Hobbs. BAY CITY: Schindler. BLOOMFIELD HILLS: **Cranbrook Inst. of Science**, Cain. DEARBORN: Baumann; **Dearborn Jr. Coll.**, Callahan. DETROIT: **Northwestern High School**, Gerhardt; **Wayne U.**, Camerer, Goodman, Hudgins, Perejda, Stewart, Stilgenbauer. EAST LANSING: **Michigan State Coll.**, Bailey, Carmin, Dooley, Ernst, Foster, Foster, Hunker, Margeson, Mitchell, Morrison, Mounteer, Prophet, Siegmund, Swink, Vinge, Wolfanger. FLINT: Jentzen. HARBERT: Jones. HIGHLAND PARK: Carlson. HOUGHTON: **Mich. Coll. of Mining and Tech.**, Wood. KALAMAZOO: Light; **Western Mich. State Coll. of Ed.**, Berry, Logan, Stout. LANSING: **Economic Development Comm.** Ballert. MANISTEE: **Manistee H. S.**, Greenhoe. MT. PLEASANT: **Central Mich. Coll. of Ed.**, Carey, McGaugh. ROYAL OAK: Knight. SAULT STE. MARIE: **Michigan Coll. of Mining and Tech.**, Scherer. WYANDOTTE: **Junior H. S.**, McPhilimy. YPSILANTI: **Michigan State Normal Coll.**, DeLong, Glasgow, Pearson.

MINNESOTA

DULUTH: **U. of Minn. (Duluth Branch)**, Belthuis, Chamberlin. MINNEAPOLIS: **Jefferson Jr. H. S.**, Buckbee; **U. of Minnesota**, Anderson, Broek, Cooper, Davis, Johnson, Kress, Lukerman, Seawall, Smith, Weaver. MOORHEAD: Addicott. NORTHFIELD: **Carleton Coll.**, Gould, Wilson.

MISSISSIPPI

CLEVELAND: **Delta State Teachers Coll.**, Brumby, Hagenson. COLUMBUS: **Miss. State Coll. for Women**, Long. STATE COLLEGE: **Miss. State Coll.**, Fontaine, Myers.

MISSOURI

COLUMBIA: **Stephens Coll.**, Balk. **U. of Missouri**, Becht, Collier, Fletcher, Shipman. KANSAS CITY: **Jr. Coll. of Kansas City**, Cowan; **U. of Kansas City**, Ekblaw; **Trans-World Airline**, Pearcy; **Westport H. S.**, Shaw. KIRKSVILLE: **Teachers Coll.**, Browne. LEXINGTON: **Wentworth Military Academy**, Stagner. MONETT: Roman. ST. CHARLES: Conoyer. ST. LOUIS: **Harris Teachers Coll.**, Branom; **Soldan-Blewett H. S.**, Wood; **Washington U.**, Crisler; Thomas. **Others:** Aschemever, Croninger, Wraight. WEBSTER GROVES: Straszer.

MONTANA

BILLINGS: **Bur. of Reclamation**, Abrahamson. BOZEMAN: **Montana State Coll.**, Blankenhorn.

NEBRASKA

BEATRICE: **Junior High School**, Anderson. CHADRON: **Nebraska State Teachers Coll.**, Johnson. FREMONT: **Midland Coll.**, Lueninghoener. KEARNEY: **Nebraska State Teachers Coll.**, Diffenderfer. LINCOLN: **Dept. of Agriculture (Div. of Soil Survey)**, Thorp; **Lincoln Jr. H. S.**, Hawk; **Nebraska Wesleyan U.**, Abbe; **U. of Nebraska**, Anderson, Bengston, Classen, Hale, Hammond, Hewes, Kelley, Lackey, Laidig, McDowell, Miller, Seeley, Clark. NORTH PLATTE: **Junior High School**, Nelson. PERU: **Peru State Teachers Coll.**, Clayburn. SEWARD: **Concordia Teachers Coll.**, Hellwege. WAYNE: **Nebraska State Teachers Coll.**, Dale.

NEVADA

RENO: **U. of Nevada**, Thompson.

NEW HAMPSHIRE

DURHAM: **U. of New Hampshire**, Chapman. HANOVER: **Dartmouth Coll.**, Carlson, English, Lloyd. KEENE: **Keene Teachers Coll.**, Keene.

NEW JERSEY

CHATHAM: **Chatham High School**, Hoagland. FAIRLAWN: Wiegand. FLORENCE: Wilson. GLASSBORO: **State Teachers Coll.**, Wright. MORRIS PLAINS: **Alfred Vail Junior High School**, Cruser. NEWARK: **State Teachers Coll.**, Hankins; **Other:** Jacobson. NEW BRUNSWICK: **Rutgers U.**, Clark, Thomas. NEW MONMOUTH: Walling. TRENTON: **State Teachers Coll.**, Botts, Casper, Cox; **Other:** Beke.

NEW MEXICO

PORTALES: **Eastern New Mexico Coll.**, Rowan. STATE COLLEGE: **Coll. of A. and M. A.**, Culbert.

NEW YORK

ALBANY: **New York State Dept. of Commerce**, Weeks, **other**, Adams: BUFFALO: **New York State College for Teachers**, Whittmore, **U. of Buffalo**, Leestma. CORTLAND: **State Teachers Coll.**, Fish. EAST SYRACUSE: Lason. ENDICOTT: **Triple Cities Coll.**, Syracuse **U.**, Hess, Hull, Van Riper. FREDONIA: **State Teachers Coll.**, Kasling. GREAT NECK: Sterns. HAMILTON: **Colgate U.** McCune. HERKIMER: Wall,. ITHACA: **Cornell U.**, Cole, Von Engeln. JAMAICA: Guyol. NEW YORK CITY: **American Geog. Soc.**, Fairchild, Felland, Field, Hitchcock, Hoenigfeld. Lubrano, Miller, Platt, Wright, Wrigley, Yonge, **American Museum of Natural History**, Murphy; **Arctic Inst. of N. Am.**, Wood, **Barnard Coll.**, Sharp; **College of the City of New York.**, Berman, Kaikow, Mitchell; **Columbia U.**, Behre, Lobeck, Miner, Orchard, Otte, Renner; **Columbia U. Press**, Shabad; **C. S. Hammond & Co.**, Bacheller, Pattee; **Hunter Coll.**, Carhart, Darkenwald, Kuthy, McWenie, Schwartz, Van Burkalow; **National City Bank**, Bar-

rett; **N. Y. Botanical Garden**, Gleason, **Pan American Airways, Inc.**, Merriam; **Standard-Vacumn Oil Co.**, Scott; **others:** Archer, Bowmar, Bradon, Conklin, Fairchild, Fause, Fuller, Greenberg, Harrison, Humphrey, Korn, Schwartz, Swartz, Stephansson, Terra. OSWEGO: **State Teachers College**, Svec. PORT CHESTER: Schneider. POTSDAM: **State Teachers Coll.**, Roberts, POUGHKEEPSIE: **Vassar Coll.**, Lamson. RIVERDALE-ON-HUDSON: **Riverdale Country School**, Klue. ROCHESTER: **U. of Rochester**, Kuchler. ROSLYN HEIGHTS: Drozdoff. SAMPSON: **Sampson Coll.**, Anderson. SYRACUSE: **Syracuse U.**, Brown, Brush, Cressey, Dickinson, Esten, Faigle, Fowler Gierhart, Hanlon, Higgins, Jacobson, James, Jenks, Johnson, Jordon, Kelley, Kendall, Kline, Lawton, Melvin, Miles, Monier, Naley, Taylor, Rothchild, Ryan, Shepard, WEST POINT; **U. S. Military Accademy**, Beukema, Gaspard. WODHAVEN: Stolovitz.

NORTH CAROLINA

BOONE: Yoder. CHAPEL HILL: **U. of N. Carolina**, Emory, Field, Gibson, Turner. CONCORD: Smart. DAVIDSON: **Davidson Coll.**, Reid. DURHAM: **Duke U.**, Lemert. GREENSBORO: **North Carolina Agr. and Tech. Coll.**, Clark; **North Carolina Women's Coll.**, Philips. WINSTON-SALEM: **Winson-Salem Teachers Coll.**, Brown,

NORTH DAKOTA

FARGO: **North Dakota Agr. Coll.**, Moberg. GRAND FORKS: **U. of North Dakota**, Hewes, Wills. MAYVILLE: **State Teachers Coll.**, Ragaz. VALLEY CITY: **State Teachers Coll.**, Blythe, Robertson.

OHIO

ATHENS: **Ohio U.** Cooper, Dow. BELLEFONTAINE: Welshimer. BOWLING GREEN: **Bowling Green State U.**, Baker, Fletcher, Isenogle, Karnes, Mayfield. CINCINNATI: Barbour, Case, Coulter, Price, Rich. CLEVELAND: **John Hay High School**, Smith. **Western Reserve U.**, Carlson, Coulson; **others:** Gregory, Keller, Wood. COLUMBUS: **American Educ. Press**, Antl, **Ohio State U.**, Beimfohr, Carlson, Huntington, Luczka, Patten, Peattie, Randall, Smith, Transeau, Van Cleef, Waller, Wright; **South H. S.**, Meyer; **St. Mary of the Springs Coll.**, Zeller. DAYTON: Goodman. DELAWARE: **Ohio Weslevan U.**, Hundermark, Shanklin. EUCLID: Thurtle. GIRARD: Fowler. GRANVILLE: **Denison U.**, Mahard Wright. GROVE CITY; Harper. KENT: **Kent State U.**, Beck, Du Ross, Eisen, Raup, Weston, Wysor. LAKEWOOD: Keplinger. MASSILLON: Stover. OBERLIN: **Oberlin Coll.**, Frost, Hubbard. OXFORD: **Miami U.**, Dix, Dome, McConnell, Pittman, Shideler. PORTSMOUTH: Smith. ST. CLAIRSVILLE: Pollack. SPRINGFIELD: **Wittenberg Coll.**, Bush. TOLEDO: **U. of Toledo**, Harris, Wilson; **other:** Henderson. WAYNESVILLE: Day. WINDHAM: Merrell. WOOSTER: **Coll. of Wooster**, Ver Steeg, Shuman. YOUNGSTOWN: Berich, Kieran.

OKLAHOMA

DURANT: **Southeastern State Coll.**, Schilz. EDMOND: **Central State Coll.**, Thomas. NORMAN: **U. of Oklahoma**, Bollinger, Hoy, Morris, Nolan, Olson, Rodgers, Straley. STILLWATER: **Oklahoma A. and M. Coll.**, Birchard, Corfield, Fite, Keso, Stevens, Stroup, Winslow, Fahlequah, Duncan. TULSA: **U. of Tulsa**, Mason.

OREGON

AURORA: Scott. CORVALLIS: **Oregon State Coll.**, Elmgren, Gilfillan, Highsmith, Jensen, Johnson, Jones, Jr., Mathis, Mellis, Myatt, Paradis, Savage, Sehorn, Still, Wegner, Wilkins. EUGENE: **U. of Oregon**, Dicken. MONMOUTH: **Oregon Coll. of Ed.**, Heintzelman. PORTLAND: **Soil Conservation Survey**, Cosby, Rockie. WOODBURN: Lantz.

PENNSYLVANIA

ALTOONA: Gensler. BETHLEHEM: **Lehigh U.**, Jenkins. BOOTHWYN: Mewha. BRYN ATHYN: **Academy of the New Church**, Hyatt. CALIFORNIA: **State Teachers Coll.**, Harding. CHESTER: **Pennsylvania Military Coll.**, Huntsinger; **Smedley Jr. H. S.** Eachus. ERIE: Hendrickson: EAST STROUDSBURG: **State Teachers Coll.**, Dean. GREENFIELD: **Greenfield Township School**, Walter. GREENSBURG: Hawthorne, HAVERFORD: **Haverford Coll.**, White. INDIANA: **State Teachers Coll.**, Davis, Zink. KUTZTOWN: **State Teachers Coll.**, Moyer. LANCASTER: **Franklin and Marshall Coll.**, Kratz. LEMOYNE: Miller. LEWISBURG: **Bucknell U.**, Brand, Bryan. LITITZ: Allison. LOCK HAVEN: **State Teachers Coll.**, Black. MANSFIELD: **State Teachers Coll.** Langdon. NEW KENSINGTON: Phillips. PHILADELPHIA: **U. of Pennsylvania**, Christians, Klimm, Stanislawski. PITTSBURGH: **Carnegie Museum**, Jennings; **U. of Pittsburg**, Hanson, Nystrom, Schauer, Schmidt. **Others**, Lusk, McGirr. SHARON: Hetra. SLIPPERY ROCK: **State Teachers Coll.**, Strain. SOUTH GREENSBURG: Todaro. STATE COLLEGE: **Pennsylvania State Coll.** Carelton, Cruikshank, Deasy, Griess, Hamilton, Hays, Heinz, Kuzman, McSweeney, Miller, Rumage, Rumage. SWARTHMORE: Bogardus, Smith.

SUNBURY: Keithan. WASHINGTON: **Washington and Jefferson Coll.**, Enman. WAYNE: Nixon. WEST CHESTER: **State Teachers Coll.**, Elliot, Keinard. S. WILMERDING: Pero.

RHODE ISLAND

PROVIDENCE: **Rhode Island Coll.**, of Ed., Wright. WEST BARRINGTON: Brown.

SOUTH CAROLINA

COLUMBIA: **U. of South Carolina**, Korgen, Patty. TIGHVILE: **North Greenville Jr. Coll.**, Tuttle.

TENNESSEE

CLARKSVILLE: **Austin Peay State Coll.**, Law. COOKEVILLE: **Tenn. Polytechnic Inst.**, Webb. JOHNSON CITY: **East Tenn. State Teachers Coll.**, Parsons, Pryor. KNOXVILLE: **T.V.A.**, Gray; **U. of Tennessee**, Amick, Britton, Durand, Luebke, Stockdale, worley; **other: Heap**, MEMPHIS **Memphis State Coll.**, Johnson, Sisco, Snyder. MURFREESBORO: **Middle Tenn. State Coll.**, Martin. NASHVILLE: **David Lipscomb Coll.**, Frizzell;**George Peabody Coll. for Teachers**, Hoffman, Stanley, Whitaker; **Tenn. State Planning Comm.**, Miller; **other:** Bernard.

TEXAS

AUSTIN:**U. of Texas**, Brand. CANYON: **W. Texas State Teachers Coll.**, Walker. COLLEGE STATION: **Texas A. and M. Coll.**, Schlesselman. DALLAS: **Southern Methodist U.**, Foscue, **other:** Creveling. DENTON: **North Texas State Coll.**, Hansen, Miller. HUNTSVILLE. **Measaman**, NACOGDOCHES: **Stephen F. Austin State Coll.**, Chambers, PRAIRIE VIEW: **Prairie View. U.**, Brooks.

UTAH

SALT LAKE CITY: **Dept. of Int., Bur. of Reclamation**, Coffman; **U. of Utah**, Hawkes.

VERMONT

MIDDLEBURY: **Middlebury Coll.**, Illick.

VIRGINIA

ALEXANDRIA: Bernat, Brown, Fleming. ARLINGTON: Emerich, Nesline. Scott, Sorrentino. CHARLOTTESVILLE: **U. of Virginia**, Bevan, Crittenden, Fischer, Johnson, LeBlanc, Philips, Poole, Quam, Smith, Wallace, Degenhardt. FALLS CHURCH: Sharpe, HARRISBURG: **Madison Coll.**, Hanson. LEXINGTON: **Washington and Lee U.**, Phillips, SPRINGFIELD: Rowell.

WASHINGTON

CHENEY: **Eastern Wash. Coll. of Educ.** Dashiell, Freeman, Schadegg. EVERETT: Oberholtz. MT. VERNON: Hansen. PULLMAN: **Washington State Coll.**, Buckley, Merriam, Schroeder. SEATTLE: **U. of Washington**, Arbingast, Bushman, Church, Earle, Erwin, Howatson, Lawton, Martin, Marts, Nishi, Rhynsburger, Sherman, Tennant, Williams, Courtney.

WEST VIRGINIA

CHARLESTON: **Kanawha Co. School** and **Morris Harvey Coll.**, Slutsky. HUNTINGTON: **Marshall Coll.**, Britton, Davies. MORGANTOWN: **U. of West Virginia.** Myers.

WISCONSIN

BADGER: Verber. BELOIT: **Beloit Coll.**, Weigend. EAU CLAIRE: **State Teachers Coll.**, Simpson; **other:** Anderson, Trewartha, Young, Wood, Weir; **U. of Wisconsin**, Alexander, Donner, Finch, Gerlach, Gerlach, Hansen, Hartshorne. Olmstead, Rinkus, Robinson, Sterling, Stone, Sweed, Thompson, Trewartha, Young Wood, Weir; **others:** Bond, Hermana, Lewis. MILWAUKEE: **State Teachers Coll.**, Read, Stoveken, Thomas: **U. of Wisconsin (Milwaukee Ext. Div.)**, Ahlman, Johnson, Kenny. MANITOWAC: Rosentreter. RICE LAKE: **U. of Wisconsin, Ext. Div.**, Hogue. RIVER FALLS: **State Teachers Coll.**, Mosher. STEVANS POINT: **Central State Teachers Coll.**, Specht. **SUPERIOR: Superior State Coll.**, Langley. TWO RIVERS: Kosta.

WYOMING

LARAMIE: **U. of Wyoming**, Linder.

WASHINGTON, D. C.

AMERICAN ASSOC. FOR THE ADVANCEMENT OF SCIENCE: Meyerhoff, ARCTIC INSTITUTE OF N. A.: Meigs, DEPT. OF AGRICULTURE: **Bur. of Agricultural Economics**, Marschner, **Bur. of Plant Indus., Soils, and Ag. Engineering (Beltsville)**, Ableiter, Barnes, Kellogg, Nikiforoff, **Soil Conservation Service**, Bennett, **Adv. on Ag. Policy, Korea**, Manovill, AIR FORCES: Mills, **Army Air Corps, Andrews Base**, Hoffmaster, **Photographic Records and Services Div., A.A.F.**, Shannon, **Weather Div., Air Transport Command**, Hafstad, **Tech. Infor. Br., H.Q. Air Weather Service**, Stone, DEPT OF THE ARMY: Adams, Alpert, Burchfiel, Court, Cozzens, Hitch, Kilzer, Lee, Leipold, Minogue, Moss, Ott, Parkhurst, Peters, Roberts, Siple, Straw, Strong, Trueblood, **Army Map Service**, Aho, Brierly, Bush, Corey, Eister, Hoshide, Hoside, Ladd, Nicoletti, Petrackis, Robinson, Stearns, Vogel, **Office of the Quartermaster General**, Abrahamson, Booth, Hudak,

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CONSTITUTION OF THE ASSOCIATION OF AMERICAN GEOGRAPHERS

NOTE — On December 30, 1948, there was consummated a merger of the American Society for Professional Geographers and the Association of American Geographers. The constitution adopted by both groups is given below.

Article I. Name

The name of the organization shall be the Association of American Geographers.

Article II. Objectives

The objectives of this Association shall be to further professional investigations in geography and to encourage the application of geographic findings in education, government, and business. The Association shall support these objectives by promoting acquaintance and discussion among its members and with scholars in related fields, by stimulating research and scientific exploration, by encouraging the publication of scholarly studies, and by performing services to aid the advancement of its members and the field of geography.

Article III. Membership

Section 1. Members. The principal criterion of eligibility for membership shall be mature professional activity in the field of geography. This criterion shall be considered to have been met by an individual who possesses any one of the following qualifications: (a) a graduate degree in geography or equivalent education, or (b) an undergraduate degree in geography and at least two year's full-time service as a professional geographer, or (c) significant professional contributions to the field of geography. Applicants for membership shall submit a statement of their training, experience (including publications) through the Secretary to the Credentials Committee.

Section 2. Associates. Persons who are actively interested in the objectives of the Association but who do not meet the qualifications for membership may become associates on application to the Secretary.

Article IV

Officers, Council, and Committees

Section 1. Elected Officers and Committees. The elected national officers of the Association shall be a President, a Vice-President, a Secretary, a Treasurer, and six elected Councilors. The duties of these officers shall be those normally pertaining to their various posts. A Credentials Committee, A Nominating Committee, and an Honors Committee shall be elected also. The terms of office shall begin January 1. The terms of office shall be one year for President, Vice-President, Secretary, Treasurer, and members of the Nominating Committee and Honors Committee, and three years for elected Councilors and members of the Credentials Committee. The President, Vice-President, and elected Councilors shall not be eligible for immediate reelection to the same office, but the Secretary and Treasurer shall be eligible for reelection. The terms of office of the elected Councilors shall be arranged so that two shall retire each year. The Chairmen of the Regional Divisions shall be Councilors ex officio. The Secretary shall maintain the central office of the Association.

Section 2. Methods of Nomination and Election of Officers. The Nominating Committee shall submit to the Secretary by September 1 the names of members nominated for each office. The Committee shall endeavor to make two or more nominations for each office. The Secretary shall then notify the membership of these nominations. Additional nominations may be made in writing by any ten members of the Association before November 1. During November the Secretary shall mail to all members official ballots to be returned to the Secretary by December 10 and to be counted by tellers appointed by him from the list of members. The Council shall have power to fill vacancies until the next election.

Section 3. Council and Executive Committee. The Council shall consist of the national officers elected under Section 1, the most recent past President, and the Chairmen of the Regional Divisions. The Council shall have power to transact all business of the Association and to assign specific responsibilities to the various officers and committees of the Association. The Council shall assist the President in selecting committees to advance the work of the Association and may designate certain committees to be elected by the membership. The Council may delegate to officers authority to sign contracts. The Council shall meet at least once each year at the call of the President. Notices of Council meetings shall be sent out at least two weeks in advance.

A majority of the Council shall constitute a quorum.

The Council shall elect an Executive Committee from its own members so located that this committee may meet at frequent intervals to transact the business of the Association. Official actions of the Executive Committee shall be subject to approval by the Council by majority vote in a mail ballot. Official actions of the Executive Committee and by the Council shall be published as promptly as practicable.

Section 4. Editor. An Editor shall be appointed by the Council for such term as it may determine.

Section 5. Committees. A Credentials Committee of three members, a Nominating Committee of three members and an Honors Committee of three members shall be elected at the Business Meeting of the Association. The Council shall make at least three nominations for members of the Nominating Committtee and the Honors Committee and at least one nomination for the Credentials Committee. Additional nominations may be made from the floor. A Placement Committee shall be appointed and other committees may be appointed by the President and shall act according to procedures established by the Council. The membership of these committees shall be subject to approval by the Council.

Article V. Meetings

Section 1. Annual Meetings. The Annual Meeting of the Association shall be held at such time and place as the Council may designate. The Council may arrange other meetings in addition to the Annual Meeting. Announcement of the time and place of meetings must be mailed to members and associates at least thirty days in advance.

Section 2. Business Meetings. A Business Meeting shall be held during the Annual Meeting. During this meeting, as part of the Secretary's report, a summary of the actions of the Council shall be presented to the membership. Reports shall be presented also by the President, Treasurer, Editor, and the chairman of active committees.

Article VI. Regional Divisions

Section 1. Establishment of Regional Divisions. The Association by vote of the Council may establish Regional Divisions composed of the members and Associates in specific areas and may contribute toward the operation of these Divisions. Such Divisions shall promote the objectives of the Association in their respective areas. Upon the establishment of a Division, a Chairman and a Secretary-Treasurer shall be appointed by the Council. After an initial term of the appointed officers not to exceed two years, all officers shall be elected by the members and associates of the Divisions. The Council shall determine the boundaries of Divisions. A Division may be disbanded for inactivity or other cause, such disbanding to be on recommendation of the Council by a majority vote of members voting at the Business Meeting of the Association.

Section 2. Officers and Duties. Each Division shall have a Chairman, who shall be a member of the Association, and such other officers and committees as the Division may authorize. The Chairman shall serve for not more than two consecutive years.

Section 3. Local Chapters. Subject to approval by the Council, the Divisions may authorize local chapters.

Article VII

Changes in the Constitution

Changes in the Constitution proposed either by the Council or by petition of 25 members may be made by an affirmative vote of a majority of members voting in either of two ways: first, at any regular meeting by ballot mailed or handed to the Secretary, provided that printed notice of the proposed change was mailed to all members with the call of the meeting; second, by mail ballot at any time, provided that ninety days' notice of the proposed change has been mailed to all members.

BY-LAWS

Section 1. Dues. All members shall pay an annual fee of not less than five nor more than ten dollars as determined by the Council. The Council may waive this in those individual cases that warrant special consideration. Members may obtain a waiver of further payment of the annual fee by making a single payment equal to twenty times the current annual fee; payments thus made shall be invested in the name of the Association and the income from such investment shall be regarded as dues. Associates shall pay an annual fee determined by the Council. Members and associates in arrears shall be dropped from the Association after due notice according to the procedures established and announced by the Council.

Section 2. Membership Rights.

(a) **Members.** All members shall have full voting and office-holding rights.

(b) **Associates.** Associates shall have the same rights as members to attend meetings and receive publications and shall have such other rights as may be determined by the Council.

(c) **Misuse of Affiliation.** Any member or associate who makes use of his affiliation with the Association in a manner considered improper by the Council may be suspended by the Council after opportunity has been given the individual for a hearing before the Council and may be expelled from the Association by vote of the Council and a majority of Members voting at the next Business meeting of the Association.

Section 3. Honors. The Association shall encourage meritorious achievements in geography by awarding honors annually in special recognition of outstanding contributions toward the advancement or welfare of the profession in that year, or culminating in that year. The contributions might be in research, applied research, writing, teaching, committee work, administrative work, collaborative work with non-geographers, or in other aspects of geographic professional work. Recognition may take the form of grants for further advancing or implementing the contributions already made, citations, medals, an annual honor roll or plaque, or other form appropriate to the purpose of such recognition. The Honors Committee shall submit to the Council nominations for such awards accompanied by a statement indicating the contribution which forms the basis of the proposed award. At the Annual Meeting the Council shall announce the award of such honors as it may have approved.

Section 4. Mail Vote. Matters of concern to the Association may be submitted by the Council to the membership for a mail vote at any time.

Section 5. Publications. The Association shall issue such publications as the Council may determine.

Secion 6. Amendments. The bylaws may be amended by a majority of the members voting at the Business Meeting of the Association.

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